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OPERATING LOCATION - A USAFETAC Air Weather Service (MAC)



"LIMITED SURFACE OBSERVATIONS" CLIMATIC SUMMARY "LISOCS"

GELA ITALY MSC *164530 N 37 05 E 014 13 ELEV 108 FT LICL

PARTS A - F HOURS SUMMARIZED: SYNOPTIC HRS

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 77 - AUG 87

SUMMARY OF DAY DATA: SER TITLE PAGE APR 1 2 198

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REPORT DOCUMENTATION PAGE

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194betract: A statistical data summary of surface weather observation climatology. Gela This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but/is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1,7 Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4,7 Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETACTIN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for

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REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN

Scientific and Technical Information Program Manager

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: GELA ITALY

STATION NUMBER: 164530

SUMMAPIZED HOURS: SYNOPTIC HOURS ONLY

PERIOD OF RECORD:

HOURLY ORSERVATIONS: SEP 77 - AUG 87

SUMMARY OF DAY GATA (FULL TIME); NONE AVAILABLE

SUMMARY OF DAY DATA ETEMPERATURES ONLY): JUL 66 - MAR 71, JAN 73 - 4UG 87

TIME CONVERSION LST TO SHT: -1

ALL USERS OF THIS LISCOS MUST FAHILIARIZE THEMSELVES WITH THE SITF'S DATA LIMITATIONS PRIOR TO USING OF DISTRIBUTING THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.

OL-4/LSAFETAC/HAC/ANS ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES -- LISOCS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FURM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR PORT REPPESENTATIVE SITES AND COMBINED BY A METECROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSHO TS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE

HANNER OF PRESENTATION.
HOURLY SUMMARIES CONTAINING MOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES
THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TYME: DDDD-020D, D3UD-050D, D60D-08UD, D9DC-1100, 1000-1400, 1500-170D, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND FXERCISES ON ITS USAGE, SEE USAFETAC/IN-83-001. "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART A: WLATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART P: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUMMARIES

PART O: CETLING VERSUS VISIBILITY AND SKY COVER SUMMARTES

PART C: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSUPE SUPPARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

C NUMBER: THIS NUMBER IS THE AIR NEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COPPRISED OF THE MHO NUMBER WITH THE ADDITION OF A SUFFIX OF THROUGH 2). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER. A S-RIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO FULCS PLUS A STXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED IC. AS DATSAY ON USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY HODE THAN 15.000 REPORTING STATIONS WORLD WILE.

HOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE MOURS. SEE HOURS SUMMARIZED ON CEVER OR STATION HISTORY SHEET TO BETERMINE WHICH HOURS ARE INCLUDED IN THESE THO HOUR GROUPS. Dist



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2	Gela, It	aly	ΙY	Nov 83	Aug 87	Same	Same	198	1	VRBL
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	2470	SURFACE TINO	tament nt	Information		·				
NUMBER OF LOCATION	DATE OF	FOCULION	EUUITHENI	TYPE OF	TIPE OF	SYOGA TH	REMARKS. AD	DITIONAL EQUIP	NENT, OR REA	SOR FOR CHARGE
-	SHAMES	Cocusion		TRANSMITTE	R RECORDER	CHOOKS	 			
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USAPETAC NOVES O-19 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE COSOLETE.

CONTINUED ON REVERSE SIDE

VEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMAPIES

WEATHER CONDITIONS SUMMARY

- 1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
- 2. DATA BASED ON HOURLY OBSERVATIONS.
- 3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

FAIN AMD/OR DRIZZLE: ALL PEPOPTED RAIN AND OR URIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FPEEZING DRIZZLE (GLAZE): ALL PEPOPTED FREEZING RAIN OP FREEZING DRIZZLE.

SNOW AMD/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PLLETS).

PAIL: ALL REPORTED HATL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. (ECAUSE MORE THAN ONE TYPE
OF PRECIPITATION MAY APPEAR IN A SINGLE OPSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY
EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPURIFD FOG. ICE FOG AND GROUND FOG.

SHOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND AMY COMPINATION THEREOF.

ELOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN PEPORTED.

- EUST AND/OP SAND: ALL REPORTED DUST, SAND, BLOWING DUST, PLOWING SAND AND ANY COMPINATION THEREOF. THE ATHOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LLSS THAN 5/8 MILES (1000 METERS).
- ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF DASTRUCTIONS TO VISION (FOG THRU PUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PEN OPSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEFD THIS COLUMN.

NOTES:

I. A VALUE IN THE TABLES OF ".C" INCICATES LESS THAN .DSR DECURRENCE WHICH IS USUALLY ONLY ONE DECURRENCE

2. METAR STATIONS CHEMINITIES IN JAN 3689 AND SYNOPTIC PEPORTING STATIONS RECORDED ON THE A4S FORMS LOVIDA AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PMENOMENA DESCRED. LEGINATIO IN JAN 1970. METAR STATIONS RECORDED ALL OBSERVED PHEMOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR PROPERS. IF THE OFSERVATION CONTAINED RAIM, FOR AND SMOKE. ALL THREE WILL APPEARS ON THE A4S FORMS 107/104, BUT ONLY THE MAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIM APPEARS IN OUR MATA MASS FOR HUBBLY SUMMACIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIPATOLOEY BRANCH USAFETA C AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

P	ERIO	D OF	RECORD:	78-87
	MONT	H: J	AN	

HOURS (LST)	TSTM	RAIN S &/OR EGIZZLE	FRZING RAIN E/OR CRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SHOKE C/OR BLCWI MAZE SNO		R ORS W/CBST TO VISION	TCTAL CBS
£0-02		4 .7	• •• •• • • •	•••••		4.7	4.7	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •	4.7	256
c3-o5		8 4.5				4.5	3.3			3.3	244
C6-D8		3 4.1				4.1	4.5			4.5	290
(9-11		3 3.1				3.1	6.8	.7	•3	7.8	294
12-14	1 1.	0 3-1				3.1	5.8		•3	6.2	291
15-17		7 2.7				2.7	4.8			4.8	292
18-20	ı	3 6.1				6.1	5.4	. 3	•3	6.1	291
21-23	Į.	3.9				3.9	4.6			4.6	282
TCTALS	l .:	5 4.0				4.0	5.0	•1	•1	5.3	2246

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87 MCNTH: FEB

											
FOURS (LST)	I I TSTMS I I	RAIM E/OR CRIZZLE	FRZING RAIN E/OR CRIZZLE	SNOW E/OR SLEET	HATL	T OBS WITH PRECIP	FOG	SMOKE E/OR BLCWING HAZE SNOW	DUST E/OR SAND	# 085 W/CBST TO VISION	TOTAL OBS
CO-02	1 .4	4.9	• • • • • • • • •	••••••		4.9	7.4			7.4	243
C3-05	ı	2.7				2.7	8.1			8.1	222
C6-08	1	4 .2				4.2	8.8		.8	9.6	261
[4-11		3.4				3.4	9.8			9 - 8	264
17-14	ı	5 • 6				5.6	5.9			5.9	270
15-17	1 .7	4.4				4.4	3.7			3.7	271
18-20	1 .7	5.1				5.1	6.2		.4	6.6	273
21-23	1	4 .8				4.8	6.4			6 • 4	250
TCTALS	۱ .3	4.4		· · · · · · · · · · · · · · · · · · ·		4,4	7.0		•2	7.2	2054

GLOBAL CLIPATOLOEY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

P	'E 7	IOD	ĐΨ	PECORD:	75-87
	MAI	MTH		40	

								MONINE HEN				
FOURS (LST)	T S TM S	RAIN E/OR CRIZZLE	FRZING RAIN E/OR CRIZZLE	SHOW E/OR SLEET	HAIL	1 OBS WITH PRECIP	FOG	SMOKE E/OR BLCWING MAZE SNOW	DUST E/OR SAND	\$ 085 M/c851 10 Vision	TOTAL	
FG-05	ł	2 • 2	• •• • • • • •	•••••	• • • • • • • •	2.2	10.1	••••••	•••••	10.1	268	
C3-05	1	1.9				1.9	10.1			10.1	258	
C6-08	1	2 -8				2 • 8	12.9			12.9	287	
(9-11	1 .3	5 - 1				5.1	11.0	. 3		11.3	292	
12-14	.3	4.0				4.0	8.4			8.4	298	
15-17	.7	7.5				7.5	5 • 5		. 3	5.8	292	
18-20	ı	4.0				4.0	7.4			7.4	296	
21-23	1	5 • 2				5 • 2	9.0			9.0	289	
TCTALS	.2	4.1				4.1	9.3	•0	.0	9.4	22 F 2	

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PEPIOD OF RECORD: 78-87 MONTH: AFR

								11014 - 11 - 11 - 11 - 11 - 11 - 11 - 11			
FOURS (LST)	TSTMS	RAIN 4/OR CRIZZLE	FRZING RAIN E/OR ERIZZLE	SNOW 6/0R SLEET	HAIL	R OBS WITH PRECIP	FOG	SMOKE E/OR BLCHING HAZE SNOW	E/OR N	8 085 I/CBST TO IISION	TCTAL GBS
[0-02	i	1.6	• • • • • • • • •	•••••	• • • • • • •	1-6	9.5	• • • • • • • • • • • • • • • • • • • •	•••••	9.5	253
C3-05		2.5				2.5	9.5			9.5	241
C6-08	ı	3 - 1				3.1	14.1			14-1	295
C4-11	ŀ	2 •4				2.4	11.4			11.4	289
12-14	I	3 - 5				3.5	8.7	. 3		9.1	286
15-17	l .3	3.1				3.1	9.4			9.4	287
16-20	ı	2.7				2.7	10.2			10.2	293
21-23	ı	1 -5				1.5	9.0			9.0	268
TCTALS	l •1	2.6				2.6	10.2	•0		10.3	7201

GLOBAL CLIPATOLOGY RRANCH USAFETA C AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOUGELY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: MAY STATION NUPBER: 16453C STATION NAME: GELA ITALY

FOURS (LST) 	RAIN TSTMS 6/OP EAIZZLE	FRZING SNOW RAIN G/OR G/OR SLEET ERIZZLE	HAIL WITH	FOG	SMOKE E/OR BLCWING HAZE SNOW	DUST % OBS 6/OR W/CBST SAND TO VISION	TGTAL GBS
[0-02]	•••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	12.9	. 4	13.3	255
C3-05	3 • 3		1.3	12.6		12.6	236
C6-08	2 • 4		2.0	18.7		18.7	294
€9-11 i	2.4		2.4	13.8	• 3	14-1	297
12-14	•3		. 3	13.6		13.6	295
15-17 I	.7		.7	12.2		12.2	295
18-20 I	.7		.1	14.1		14.1	297
21-23	.8		. 8	10.7	. 8	11.5	252
TCTALS 1	1.0		1.0	13.6	•2	13.6	2223

STITION NUPBER: 16453	C STATION NAME:	GELA ITALY	PEPIOD OF RECORD: 78-87
			96424 ALM

+OURS (LST)	 TS1M 	RAIN S E/OR CRIZZLE	FRZING RAIK E/OP ERIZZLE	SNOW E/OR SLEET	HAIL	E OBS WITH PRECIP	FOG	SMORE E/OR BLCWING HAZE SMOW	DUST E/OR SAND	R ORS W/CBST TO VISION	ECTAL OBS
(0-03	1	.5	• •• • • • • • • •	• • • • • • • •	•••••		9.1		•••••	9.1	263
£3-05	١.	4 .4				. •	11.1			11.1	253
6-08	1	1.0				1.0	15.1	. 3	• 3	15.8	291
E9-11	1	•3				. 3	15.7			15.7	287
12-14	1						15.3			15.3	295
15-17	١.	4 .4				. •	15.7			15.7	281
18-20	1						13.8			13.8	282
21-23	ı	.4				. 4	13.2	.4		13.6	272
TCTALS	١.	1 .4				.•	13.€	•1	.0	13.8	2224

GLOBAL CLIPATOLOEY BRANCH USAFETA C AIR MEATMER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUPBER: 16453C STATION NAME: GELA 1TALY HONTH: JLL

FOURS	TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN 6/0P ERIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SPOKE E/OR BLCWING HAZE SNOW	SAND	8 OBS W/(BST TO VISTON	TCTAL CES
CO-02		• • • • • • • •	• •• • • • • •	••••••	•••••	••••••	22.6		•••••	22.6	265
c3-05 l		.4				.4	19.0			19.6	247
£6-D8	1						27.8	• 3		i 8 • 1	205
[9-11		.7				. 7	29.4	• 3		:9.7	29€
12-14	1						26.1			26+1	3 D 3
15-17	1						25.2			25.2	298
18-20 l							23.2			23.2	302
21-23	l						23.7			23.7	271
TCTALS	.1	•1				• 1	24 • 6	•1		24.7	2264

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PEPIOD OF RECORD: 78-87
MONTH: ALG

FOURS (LST)	T S TM S	RAIN G/OR RIZZLE	FRZING RAIN E/OR CRIZZLE	SNOW G/OR Sleet	HAIL	% UPS WITH PRECIP	FOG	SMOKE E/OR BLCWING HAZE SNOW	DUST 3 ORS E/OR W/CBST SAND TO VISION	TCTAL OPS
[0-02	· · · · · · · · · · · · · · · · · · ·	*****		••••••	•••••	••••••	18.9	• • • • • • • • • • • • • • • • • • • •	18.9	265
c3-05 l	ı	.4				.4	19.5		19.5	2 4 €
(6-08 l	I						24.8		24.B	200
C9-11	1						29.5		29.5	298
12-14 i	.7	1.0				1.0	28.5		28.5	298
15-17	1	.3				. 3	26 • D		26.0	346
18-20 l	1						22 • 2		12.2	293
21-23 l	ı						19.5		19.5	272
TCTALS I	•1	•2				• Z	23.6		43.6	.258

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NE	J#8ER: 10	6453C :	STATION	NAME:	GELA	I TAL Y

PERIO	D OF	RECORD:	77-86
MANT		FO	

									MONTH	: SEP				
••••	FOURS (LST)	TSTHS	RAIN &/OR ERIZZLE	FRZING RAIN E/OR ERIZZLE	SNOW E/OR SLEET	HAIL	R OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BL CWING	DUST E/OR SAND	R OBS W/CBST TO VISION	TCTAL OBS	•••
••••	cn-02 l	.4	1.5	• •• • • • • • •	••••••	•••••	1.5	12.5	•'• • • • • •	• • • • • • • • •	•••••	12.5	265	•••
	C3-05 1		1.3				1.3	13.4				13.4	239	
	C6-08	.3	1.4				1.4	16.7	. 3			17.0	288	
	C9-11	. 3	.3				. 3	18.4				18.4	293	
	12-14	1.4	2.1				2.1	12.4				12.4	291	
	15-17 I	1.0	2.4				2.4	11.4				11.4	296	
	18-20	. 3	1.0				1.0	13.1				13.1	289	
	21-23	1.5	1 .2				1.2	13-5				13.5	26 D	
	TCTALS	.7	1.4				1.4	13.9	.0			14.0	2215	

STATION NUPBER: 169530 STATION NAME: GELA ITALY

PERIOD OF PECORD: 77-86 MONTH: OCT

FOURS (LST)		TSTMS	RAIN &/OR CRIZZLE	FRZING RAIN E/OR ERIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	F06	HAZE	SNOR SNOR	DUST E/OR SAND	% OBS W/CBST TO VISION	TGTAL CBS
CO-n2	1	1.1	1.5	• • • • • • • •	•••••	******	1.5	10.9	······	••••••	•••••	10,9	265
C3-05	ı	. 8	1.7				1.7	10.6				10.8	241
C6-08	ı	1.0	2.4				2.4	14 - 3				14.3	293
C9-11	ſ	1.0	1.0				1.0	14.2	. 3			14-6	288
12-14	1		1.7				1.7	10.0			.3	10.4	299
15-17	ı		2.4				2.4	9.7				9.7	288
18-20	I	1.0	2.4				2,4	11.5				11.5	296
21-23	ı	. 7	1.5				1.5	10.5				10.5	267
TETALS	1	. 7	1.8				1.8	11.5	•D		•0	11.6	2237

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUPRER: 16453C STATION NAME: GELA ITALY

P	EPIOD	OF	RECORD:	77-86

								HONING MEN			
FOURS (LST)	TS THS	RAIN E/OR CRIZZLE	FRZING RAIN E/OR ERIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SHOKE E/OR BLCWING MAZE SNOW	DUST E/OR SAND	# 085 W/0851 TO VISION	10TAL CBS
CO-02	1	3.7	• •• •• • • •	•••••	• • • • • • • • • • • • • • • • • • • •	3.7	9.1	••••••	••••••	9.1	243
C3-05	1	2.9				2,9	7.5		.4	7.9	246
C6-08	1 -4	3.0				3.0	10.7			10.7	271
C ⁹ -11	1 .4	2 -8				2.8	5.7			5.7	287
17-14	1	3,2				3.2	3.2			3.2	284
15-17	1 .4	2.8				2.8	4.2			4.2	284
18-20	1 1.0	5.2				5.2	5.2		• 3	5.5	290
21-23	۱ . •	3.7				3.7	7.8			7.8	269
T CTAL S	.5	3.4				3.4	6.7		•1	6.8	2163

STATION NUPBER: 16453C STATICA NAME: GELA ITALY

PERIOD OF RECORD: 77-86
MONTH: DEC

								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
HOURS (LST)	TSTMS	RAIN &/OR ERIZZLE	FRZING RAIN E/OR CRIZZLE	SNOW E/OR SLEET	HAIL	2 OBS WITH PRECIP	F06	SMOKE S/OR BLCWING HAZE SNOW	DUST E/OR SAND	\$ 085 W/CBS1 10 VISION	TCT AL CBS	•••
[n-02	.4	3.0	• • • • • • • •	•• • • • • • •	•••••	3.0	4.2	•'• • • • • • • • • • • • • • • •	•••••	4.2	265	••••
C3-05 (.4	3 -6				3.6	3.2			3.2	249	
[6-08]		3 -4				3.4	3.4		.3	3.8	291	
c9-11		2.7				2.7	5.1			5.1	292	
12-14 1		3.7				3.7	2.3			2.3	300	
15-17	.7	2.7				2.7	2.0			2.0	295	
14-20		3.0				3.0	2.3			2.3	30 1	
21-23	.7	4.1				4.1	3.0			3.0	271	
TCTALS	• 3	3.3				3.3	3.2		.0	3.2	2264	

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87
MONTH: ALL

•••••	FOURS (LST)	TSTMS	CRIZZLE	FRZING RAIN E/OR ERIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	F06	SMOKE E/OR BLCyIN HAZE SNOW		% OBS W/CBST TO VISION	TCTAL 085
JAN	ALL	.5	4.0	*******	•• •• • • • •	•••	4.0	5.D	•1	•1	5.3	2246
FEB	1	.3	4.4				4.4	7.0		•2	7,2	2054
MAR	I	.2	4.3				4-1	9.3	•0	.0	9.4	2282
APR	i		2 .6				2.6	10.2	•0		10.3	2207
HAY	(ļ	1.0				1.0	13.6	•2		13.8	2223
JUN	(.1	.4				.4	13.6	•1	•0	13.8	2224
JUL	1	.1	•1				-1	24.6	•1		24.7	7284
AUG	ŧ	.1	•2				• 2	23.6			23.6	2258
SEP	ı	.7	1.4				1.4	13.9	•B		14.0	2215
0C1	(.7	1.8				1.8	11.5	•0	.0	11.6	2237
MOA	1	-5	3.4				3.4	6.7		•1	6.8	2163
DEC	ı	.3	3.3				3.3	3.2		•0	3.2	2264
	TCTALS	-3	2.2	****			2.2	11.9	.0	•0	12.0	26657

SEE SUPPLEMENTAL SECTION (SUMMARY OF CAY DATA) FOR THESE SUMMARIES.

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RRRKHRP
RRRPRRRR
RY RP
RY RP
RY RP
RY RP
RY RP
RRRYTHP
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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

CATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PLACETAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE WERSUS WIND SPEED IN KNOTS IN INCREMENTS OF REAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED. AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR TACH DIRECTION.

CATA PRESENTED BY THE STANDARD 3-HOUP TIME GROUPS BY MONTH, MONTHLY AND AMNUALLY CALL YEARS COMPINEDI..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WELN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".3" IN THESE TAPLES INDICATES ONL OF MORE OCCUPRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR MEATHER SERVICE/MAC

FERCENTINGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

1							IN KNOTS		••••••	• • • • • • • •		••••	
IRECTION TO DESIGNATION TO THE PROPERTY OF THE	1-3	4-6	7-10		17-21	22-21	20-33	34-40	41-47	48-55	GE 56	TOTAL 8	PEAN WIND
* 1	. 1		*****	.4	••••••	•••••	• • • • • • • •	• • • • • • •	••••••	••••••	•••••	2.0	5.8
NW C	. e	1.2										2.0	4.2
NE	.4	• 8	.4		.4							2.0	7.6
ENE	. 2	3.5	1.6									5.9	5.7
	1.6	1.2	.4									3.5	5.6
ESE													
SE !		.4										.8	12.0
SSE			.•	- 8	.4							1.6	13.5
s	. e	.4	.8	.4	. •	-4						3+1	10.€
SSh			.4	1.2	.4	.4						2.3	14.€
S b				.4	.4		.4	.4				1.6	25.6
WS W					. 8							.8	18.5
	.•	1 - 6	2.0	2.0	.•	-8	.4	.8				8.2	14.2
WN L	. •	1 - 6	2.0	2.7	. •	•8						8.2	10 - 2
No !	. 8	1.2	1.6									4.3	6.5
NN u	2.1	1.2	.8	.4	.4							5.1	6.1
		•••••				•••••	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	
VAR TABLE													****
CALR 1	,,,,,,,,,	,,,,,,,,	*******	,,,,,,,,,			,,,,,,,,	,,,,,,,		,,,,,,		चर⊕ह	"""

TOTAL NUMBER OF CHSERVATIONS:

GLOBAL CLIPATOLOCY BRANCH USAFETA C ATR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: MONTH: JAN HOURS(LST): D3DD-D5CD WIND SPEED IN KNOTS DIPECTION | 17-21 22-27 28-33 34-40 48-55 GE 56 PE AN WINC TETALN 2.1 6.5 NNE 2.1 1 - 6 3.7 3.3 NE - 8 4.6 ENE 5.8 5.5 £ 5.5 4.1 FSE .8 12.5 SE . **.** B 12.5 3 S E s 1.7 3.3 13.5 556 15.0 Sh . 8 . 8 3.3 15.4 454 25.E .8 2.9 7.8 15.5 WHIL 9.5 10.4 2.9 11.1 8 . 5 VAR IABLE CAL P 49.0 ///// 100.0

TOTAL NUMBER OF CRSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTIGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY DIRECTION I IDEGREES) ! N 6.1 NN E 1.0 1.7 . 3 3.1 5.; N E . : 1.7 1.4 3.4 6.6 ENE 2.8 4.1 2.4 . 3 .3 10.0 5.8 ξ . : 1.4 • 3 2.1 5.! ESE . 3 .3 . 7 14.0 SE • 3 • 3 10.0 SSE . 3 . 3 31.0 5 .3 1.0 17.0 554 .3 . 7 1.7 21.4 S N • 3 . 7 1.0 13.0 WS N . 3 . 7 1.4 2.8 19.1 • : 1.7 1.7 .7 2.1 UNS 1.0 2.8 3.1 .7 .3 7.9 11.2 . 1.0 5.5 NN W 7.4 CALP 47.6

TOTAL NUMBER OF COSERVATIONS: 290

GLOBAL CLIPATOLOGY BRANCH USAFCTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

LTION NUPBER	1: 16453C	STAT 1 04	. HAME:		_				PERIOD Month:	OF RECOR		-67 11: 0900-	1 1CO
DIRECTION OLG FEE 3)		4-6	7-10	11-16			IN KNOTS 28-33	34~40	41-47	40-55	GE 56	TOTAL	ME AN LIND
N	1.4		.7	. 3	-3	•••••	.3	• • • • • •	••••••	• • • • • • • •	••••••	3.4	9.1
NNE		. 3	.3									.7	6.0
NE	1.4	.7	.7	. 3								3-1	5.;
ENE	3.0	5 - 8	1.7	.7								12.0	5.2
E !	3.1	. 7	.7	.7								5.2	4.8
ESE													
SE		. 3		.3								.7	10.0
55 E					. 3	.3						.,	20.
s I			.7	.7								1.4	12.0
55.6	. 3		.3									.7	6.[
5 %				.7		.3						1.0	17.7
WS 6					.7	1.0	.3					7.1	24.5
	l ?	• 7	2.4	3.8	2 • 1	2.1						11.0	14.5
WN L) ! . ;	2.4	1.7	.7	. 3	.3						5.8	9.4
N b	1.0	2.1	.7	. 7								5.2	6.[
NN b		. 3	. 3	1.0	. 7							2.7	11.6
VAR TABLE	 						•••••				······	44.3	
TOT ALS	11.7	19.4	16.3	10.0	4.5	4.1	.7					100.0	5.3

TOTAL NUMBER OF COSERVATIONS:

GLOBAL CLIPATOLOCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUPBER: 164530 STATION NAME: GELA ITALY

MONTH: JAN HOURS(LST): 1200-1400 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION ! IDEGREES ! 7-18 TETAL 48-55 6E 56 PE A N LINC •3 N 1.4 • 7 2.1 NNE . 3 . 3 .7 7.(₩E ٠3 • 3 12.0 ENE . 7 1.0 3.1 8.1 E • 7 2.1 5.5 . 3 . 3 1.0 •3 10.5 • 3 2.4 SE 1.0 . 7 . 3 . . 6.4 SSE 1.0 . 3 1.4 . 3 9.5 • 3 S • 3 1.4 1.0 . 3 55 % . 3 . 7 . 3 7.5 Sh . 7 1.4 • 3 1.0 1.0 . 3 14.5 WSL . 7 3.6 1.7 2.1 .7 .7 13.€ 16.5 1.0 14.6 1.0 . 7 1.0 7.5 NN b . 3 10.3 VAR TABLE CALP TOT ALS 100.0

TOTAL NUMBER OF CBSERVATIONS: 290

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GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

TATION NUPBER	R: 164530	STATION	NAME:						PERIOD MONTH:	OF RECOR		-87 †1: 1500-	1 700
D 1 RE C 1 T EN 1 D E G RC E \$ 1		4-6	7-10		uli 17-21	22-21	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL %	MEAN WING
N		.7	1.4	2.4	-7		• • • • • • • •	•••••		••••••	•••••	5.5	11.6
HN E	.1	.3		.1								1.4	7.5
ME		. 3	.3	. 3								1.0	1.04
ENE	.7	1.4	1.7	• 3	. 3							4.5	7.1
Ĺ			. 3									.3	10.0
ESE		. 3	.7	.7								1.7	9.6
st		.3	1.0	. 3		.7						2.4	13.3
\$\$ E	1.7	.7	1.0									3.4	4 , 8
s		1.0	1.7	1.0								3.8	8.6
SSb	1.0	1.0	.7	.1	.7							4.1	8.7
5 h	1.0	1.0	1.0	1.0	.7	.7		. 3	i			5.8	12.0
WS &		• 3	2.7	4.8	2.4	1.4						12.0	14.0
¥	• ?	1.4	4.1	5.5	5 - 8	٠.8	2.4	• 3	i			24.7	17.4
WAL	!	. 3	1.4	2.4	1.7	.3	.3					6.5	14.5
N b	.,	1.0	• 3	• 3								2 • 1	7.3
NN u] 	1.7	2.7	.7	•3							5.5	₩.€
VAR IAB LE		••••••	••••	••••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	••••••	•••••	• • • • • • • •	• • • • • • • • • •
CALP		,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,	///////	,,,,,,,,	15.4	111111
101 /LS	6.2	12 - 0	21.2	21.2	12.7	7.9	2.7	. 7	,			100.0	10.6

TOTAL NUMBER OF CBSERVATIONS: 292

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/HAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEFG FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC STATION NUMBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: ?8-8?

) DIRECTION ODEGREES)	1-3	4-6	7-1C	11-16	WIF 17-21	22-27	IN KNOTS 28-33	34-40			GE 56	TOTAL	ME A N WINC
	. ?	1.0	.7		1.0	•••••		• • • • • •	• • • • • • • •	• • • • • • •	••••••	3.7	10.7
NNF !		1.0	.3	. 3								1.7	7.4
NE			.7									.7	8.5
ENE	1.0	1.4	1.7	. 3	. 3							4.8	7.3
E	1.0	1.4	. 3	. 7								3.4	6.1
ESE		1.4	•7	. 3								2.4	6.7
SE	. 3	1.0	. 3									1.7	5.1
SSE	.7	.3		. 3		.3						1.7	10.4
s	.1	. 3	1.0	1.4								3.4	٠. ٩
ssu		1.0	.7	. 7	• 3	.3	• 3					3.4	13.0
5 .		.7			. 3	.7						1.7	15.2
WS &	.,	• 7	1.4	1.0			.3					4.1	10.1
u į		2.7	3.7	5.8	2.0	.7	1.4	. 7	•			17.0	14,5
AN .	5.0	4.1	4.4	2.0	.7	.7	.3					14.3	9.1
N.	1.4	3 • 7	2.4	. 7								e.2	5.8
NN L	.,	1.4	1.4		. 3							3.7	7,4
VAR JABLE	••••••	•••••	•••••		• • • • • •	• • • • • • • •		• • • • • • •	•••••	•••••	••••••	•••••	• • • • • •
CALP !	/////////	///////	1111111		,,,,,,,	,,,,,,,,	,,,,,,,,	//////	13111111	,,,,,,,	,,,,,,,,	24.1	,,,,,,
TOTALS	8.5	22 - 1	19.7	14.3	5 - 1	2.7	2.4	.7	,			100.0	7.4

TOTAL NUMBER OF CREENVATIONS: 794

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GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY 78-87 PERIOD OF RECORD: MAL : HTMOM HOURS(LST): 2100-2300 WIND SPEED IN KNOTS DIRECTION | IDEGREES) 22-27 28-33 34-40 6E 56 TOTAL MEAN . MIND N 7.5 1 - 1 1.4 . 7 3.6 NNE . 7 5.5 NE . 7 .7 2.5 ENE 1.4 2 • 8 6.0 6.5 E 4.3 4.[ESE .7 €.5 SE .4 21.5 SSE 15.5 . 4 . 7 s .7 12.[. 7 . 7 2.5 SSW . 7 1.8 19.6 Sh . 7 1.8 12.€ WSI 18.2 10.7 12.6 -8.5 9.4 N W . 7 1.4 5.0 4.6 NN b 5.4 CALP 44.R 13.2 100.0 5.8

TOTAL NUMBER OF CBSERVATIONS: 281

GLOBAL CLIPATOLO EY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 Month: Jan Hourstlit: STATION NUPBER: 164530 STATION NAME: GELA ITALY ALL

••••••	· · · · · · · · · · · · · · · · · · ·	•••••	•••••	• • • • • • •		uD SPFFD	IN KNOTS	• • • • • • •	•••••	••••••	••••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION OF STREET	1-3	4-6	7-10	11-16	17-21	25-51	28-33	34-40	41-47	48-55	GE 56	TGTAL 3	ME AN Lind
N	. €	.9	.7	.9	.4	• • • • • • • •	-0		•••••	•••••	••••••	3.6	9.:
NNE	.5	• 8	•2	• 2								1.7	5.3
NE		.5	.5	.1	•0							1.6	6.7
ENE	1.6	2 . 8	1.5	• 5	•5							6.5	6.2
E	1.2	1.1	.5	. 3								3.1	5.;
ESE	.1	.4	.3	.3		-1						1.1	9.5
SE		.4	.3	.1	-1	-1						1.2	9.1
5\$ E	.4	• 3	.4	• 2	•2	•2						1.6	10 - 5
S	.,	• •	.8	. 9	•2	-1		•0				2.9	10.8
SS b	.2	.•	.4	.4	• 3	•2	-1	•0				2.1	13.0
S h	•2	.4	.5	.6	.4	.4	•0	•2				2.7	14.6
MSF	.7	• 3	1.1	1.1	.8	-6	.3	•0				4.4	15.1
u	.•	1.2	2.5	3.6	2.2	2.1	.7	. 3				13.1	15.€
WN L	. 4.	1.7	2.6	2.2	.7	•5	· i					8.2	10.7
Nh	.9	2.1	1.0	. 4	•0				•0			4.6	6.4
NN L		1.3	1.0	.6	.3	-1						4.2	7.5
VAR TABLE	, 	•••••		• • • • • • •		•••••	• • • • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	,,,,,,,,							,,,,,,,				37.4	,,,,,,
	1												
TOT ALS	† 8.4 j	15 - 1	14.3	12.5	5.9	4 .5	1.3	•6	•0			100.0	6.1
***********	• • • • • • • • • •	••••••				• • • • • • • •			• • • • • • • •	• • • • • • • •		• • • • • • • •	•

TOTAL NUMBER OF OBSERVATIONS: 2237

USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: FEB HOURS(LST): 0000-0200 WIND SPEED IN KNOTS 17-21 22-27 28-33 39-90 DIRECTION | (DEGREES) TOTAL MEAN . MIND 2.1 3.0 NN E 1 - 2 5.0 N-E . 4 2 . 1 2.5 4.3 ENE 2.5 2.1 .8 5.8 5.3 £ 2.5 4.4 4 . 6 ESE 12.0 SE 11.0 SSE s 9.5 16.0 .8 15.0 .8 . 8 14.1 1.7 7.5 1.2 2.9 1.7 1.2 . 2.5 NN b VAR TABLE CALF 52.7 ///// 100.0 3.1

TOTAL NUMBER OF CBSERVATIONS: 241

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

78-87

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: MONTH: FEB HOURS(LST): 0300-0500 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRE CTI CN 4 -6 48-55 TOTAL ME A N U N I W (DEGREES) (1 N .5 1.4 1.8 3 . E NN E 2.3 . 9 .5 3.6 4.1 NE . 5 1.4 .9 2.7 5. 6 2.7 4.5 1.8 9.0 4 , 8 E 1.4 .9 .5 4 . 5 7.2 5.4 ESE SE • 5 • 5 SSE S 55 % • 5 1.8 20.8 5 % .5 13.1 1.4 MS & 1.4 1.4 14.0 . 5 1.4 . 5 1.4 -5 15.1 . 5 • 5 1.4 1.8 9.[٠.5 2.7 3.2 5.0 NN L 1.4 . 5 VAR IABLE CALP 51.6 100.0

TOTAL NUMBER OF CBSEPVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS SLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 72-87 MONTH: FER HOURSILST): 0600-06C0 WIND SPECD IN KNOTS 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 DIPECTION | (DEGREES) | TCTAL 48-55 GE 56 MEAN DATE 8.0 .4 1.2 2.7 3.1 NNE 1.5 NE . 8 1.2 . 8 . 9 3.1 6.1 ENE 3.9 3.5 2.3 10.0 5 . t E 3,9 1.9 7.7 5.7 ESE 9.0 SE 11.5 SSE S 554 23.5 . 4 .8 54 .4 . 8.0 WSV . 4 1.2 17.0 .8 2.3 5.0 11.2 5.4 7.5 1.9 7.6 CALP

I

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: SELA ITALY

PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 0900-1100

TRECTION I	1-3	9-6	7-10	11-16	17-21	22-27	IN KNGTS 28-33	34-40	41-47	46-55	6E 56	TOTAL	ME A N bind
N 1	. 4	1.2	• • • • • • • •	••••••		•••••	• • • • • • • • •	• • • • • • •	•	• • • • • • •	••••••	1.5	4.6
NNE	.4	••	.4									1.5	5.5
NE		1.5	.4		.4							2.7	7.1
ENE	4.2	3.5	2.7									10.8	5.0
E !	3.1	2.3	1.2		.4							6.9	4.8
ese	. 8	.4	. 8									1.9	5.4
SE !			.8	.4								1.2	9.1
55E]		.4	.4									.8	6.[
s !				. 0								1 • ?	11.7
55.6					.4							.4	20.0
S. I	.4		.•									.8	5.0
usu				.8		.8						1.9	17.4
ь !		1.2	2.7	1.9	1.2	.8						7.7	12.5
WAS	. €	1.2	.4	2 • 3								4.6	9.5
No !		.8	1.9									3.1	8.1
NN L	٠,	2 • 7	.8	.4								4.2	5.7
VAR TABLE	••••••	•••••		•••••	••••••	•••••	• • • • • • • •	• • • • • • •		••••••	••••••	•••••	• • • • • • • • • • • • • • • • • • • •
CALP	,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	46.8	,,,,,,
101 ALS	10.8	15 - 8	13.5	7.3	2.3	1.5						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 260

GLOBAL CLIPATOLOGY BRANCH USAFETAC FERCENTIGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUPRER: 164530 STATION NAME: BELA ITALY PERIOD OF RECORD: HONTH: FEB HOURS(LST): 1200-1400 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 39-40 DIRE CTI (N 7-10 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) | 1 MIND 8.2 1.1 2.2 1.5 NN E . 4 .4 1.1 6.3 NE .7 . 7 11.5 ENE . 7 1.1 8.1 1.1 1.9 . 4 5.2 E 1 - 1 1.1 1.5 . 4 4.5 7.5 FSE •7 1.5 6,8 SE 1.1 1.5 10.5 SSE 1.1 1.5 6.5 \$ 1.5 1.1 1.1 . 4 1.5 6.0 7.1 55 % 2.2 1.9 2.2 . 7 . 7 7.8 7.6 5 6 1.9 1.5 1.1 . • 6.0 10.2 WS N 1.5 1.1 3.0 2.2 1.9 14.4 10.1 1.1 .7 3.0 3.4 2.6 11.6 16.8 MNE ٠, ٠, .7 1 - 1 • 3.4 14.7 . 7 .. . • 1.5 8.8 NA M 1.5 3.0 11.2 VAR TABLE CALP 26.5

TOTAL NUMBER OF CBSERVATIONS: 268

TOTALS

*

100.0

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY GOSERVATIONS

STATION NUPBER: 164530 STATION NAME: BELA ITALY

1					WIN	D SPEED	IN ANOTS			** ** * * * * *	-		
PECTION (PERFES) I		4-6	7-10	11-16		•	24-33		-	48-55	6E 56	TOTAL	MINE
	. 7	.4	2.2	. 4	•••••	• • • • • • •	• • • • • • • • •	• • • • • • •	••••••	••••••	• • • • • • •	4.1	
NNE	.*		.4									.7	6.0
NE	.•	1.1										1.5	5.0
ENE !	. •	1.5	.7	1.1	-4							4.3	8.5
			1.8									2.2	7.1
ESE		.7	.4	.7								1.6	9.0
SE I		.4	.7	.•	••							1.8	11.4
SSE	.4	1.5	1.5	1.8								5.2	8.8
s	1-1	1.1	1.1	.7	•4							4.4	7.2
55 1	2.6	3.7	1.8	.4	.4							8.9	5.8
Sh j	.4	4.1	3.3	.4								6.1	6.7
us i		1.1	3.7	5.3	3.0	2.2	.7					14.0	15.3
, w .		. 7	1.5	3.7	5.5	9.8	1.8					18.1	19.1
NN	. •		1.1	1.1	-7							3.3	11.6
Nh			2.2	.4								7.6	9.1
NN -		.7	1-1	. 7	.4							3.0	9.8
AR IABLE	*	•••••		• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		••••••	• • • • • • •	••••••	•••••	• • • • • •
ALP 1	(((()))	,,,,,,,	,,,,,,,,	11111111	1111111	,,,,,,,	///////	//////	,,,,,,,	1111111	,,,,,,,	16.2	,,,,,,
OTALS !	7.0	37 . C	23.6	15.1	11.4	7 -0	2.6					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS:

SLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATMER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 76-87 NONTH: FEB HOURS (LST): 1800-2CCO I WIND SPEED IN KNOTS 01°E CTI CN | 1DE G RE E 2) } 7-10 17-21 22-27 28-33 39-40 ME A N WINE 7.1 1.1 . 4 NNE . 7 .7 6.[NE .4 . 7 1.8 ENE 2.2 1.8 4.4 E ., ESE 1.1 . 7 12.2 SE 1.5 . 7 7.6 • 7 SSF .7 8 . : . 4 s 9.1 1.1 1.8 . 7 4.0 554 1.5 1.5 3.7 5.8 Sb 1.1 2.2 12.[MSL 1.1 • 7 .7 4.8 12.€ 4.0 2.2 20.5 13.0 2.9 1.8 9.2 . 7 2.9 6.3 1.1 1.5 5.5 VAR TABLE CALP 100.0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ITION NUPBER	: 164530	STATION	NAME:	BELA 171	L Y				PERIOD (-87 T): 2100-	2 300
	••••••	•••••	*****	•••••	 1	NB SPEED	IN KNOTS	• • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • • • • •
DIPECTION I ODEGREES) I	1-3	4 -6	7-10	11-16	17-21	22-27	28-33		41-47	48-55	GE 56	TOTAL	ME AN WINC
h [*****		••••••	•••••	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	•••••	1.6	5.2
NNE	1.6	. 4										2.0	3 • £
NE I		1.6										1.6	5.(
ENE	2.0	2.4	1.6	.8								7.7	5.4
εj	2.8	2.4	.8	.8								6.9	4.5
ESE	. 4			1.2								1.6	11.3
SE į			.4									.4	8.(
SSE	. e	. •	.8									2.0	5.€
s	.4	. •										.8	4,5
55 h	. 8	.4	.•	.•	••							2.4	8 . :
St i			.4	.8		.4						1.6	15.5
WS &			.4	1.2								1.6	13.2
i i		2.0	1.2	2.8	1 - 6	1 •?	.•	.4	•			9.7	15.0
WALL !	.*	1.2	2.8	1.2								5.7	8.1
Nb j	. e	1.6	1.2									3.6	5.1
NN to	.*	1.2	.4	.8								3.2	6.5
VAR TABLE	• • • • • • • •	•••••	•••••	•••••	••••••	· · · · · · · ·	• • • • • • • •	• • • • • •	• • ′• • • • • •	• • • • • • •	• • • • • • •	•••••	
CALP	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	47.4	,,,,,
TOT PLS 1	12.6	14 - 6	10.5	10.5	2.0	1 -6	.4					100.0	4.2

TOTAL NUMBER OF GREENVATIONS: 247

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

NAMF: GELA 1TALY

PERIOD OF RECORD: 78-87

MONTH: FER HOURS(LST): ALL

WIND SPEED IN KNOTS
7-10 11-16 17-21 22-27 28-53 39-48 41-47 48-55 GE 56 TOTAL MEAN STATION NUPBER: 16453C STATION NAME: GELA ITALY DIPECTION |

IDECHEESI	•									ı	AIMD
K	.5	1.0	•7	. 3	.0	• • • • • • • •	••••••	••••••		2.5	6.6
NNE	. 9	.6	•2	.0						1.8	4.€
NE		1.1	.3	•1	•0					2.1	6.[
ENE	2.2	2.5	1.7	. 5	.1					7.1	5.€
ξ	1-6	2.4	1.1	• 2	.1					5.6	5.2
ESE	-1	• 2	.4	. 4	•0					1.3	9.2
S.E.	•1	.7	. 7	. 3	.1					1.5	9.5
5 S E	.,	•6	.5	• 3	•0					1.8	7.6
S	.•	- 6	•6	.4	•1		•0			2.3	8.5
SSW	1.C	1.0	.6	. 3	• 3	-1	•0	•0		3.4	7.8
Sh	• 2	1.0	•9	••	•1	-1	•0	•1		2.8	9.8
WSE		.5	1.3	1.3	.7	•7	.3			4.9	14 • €
u		1.5	1.7	3.0	2.1	1 -8	.4	•1		10.8	15.2
WN h	.5	1.3	1.7	1.5	•2	-1	•0			5.4	9.2
N. b.	.,	1.2	1-1	•2	•0					2.9	6.8
NN %	.1	1.2	.8	-6	.0					3.3	6.5
VAR JABLE	· • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••		• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	•••••			•••••	• • • • • • • • • • • • • • • • • • • •
	i	,,,,,,,	,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,	,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	40.5	,,,,,,
TOT ALS	9.6	17.0	14.4	10.2	4.2	2.8	.9	•2		100.0	5.!
	1										

TOTAL NUMBER OF COSERVATIONS: 2040

GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SHEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: MONTH: MAR HOL HOURS (LST): 0000-0200 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION ! 11-16 48-55 GE 56 PEAN (DEGREES) | N] 6.3 NN E 1.1 . 4 1.5 4 . E NE .7 1.9 7.2 ENE 2.2 4.9 . 7 9.0 1.1 5.7 E 1.5 1.9 1.5 . 7 5.6 5.5 ESE .4 1.1 9.5 S E 5 \$ E . 4 • 4 11.0 5 3.6 SSW Sh MS F 21.4 1.9 1.1 1.1 6.4 14.5 . 4 . 7 2.6 6.5 NW 1.1 . 7 4.5 5.5 2.6 NN b 58.8 100.0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-05CD #IND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 24-33 34-40 48-55 TCTAL GE 56 IDEGREES! MINC .. 7.1 NN E 3.5 4.3 1.6 .4 1 . 6 9.8 NE . • . . . 4 . 4 12.1 3.5 ENE 3 . 5 4.3 . 8 6.1 5 . 5 £ . e 2.7 1.2 5.1 ESE • 8 .4 1.2 6.6 . 4 6.(S E SSE \$ 5 S & 5.0 . 4 **S W US L** -9 21.6 16.3 1.2 . 4 1.2 9.5 1.2 1.6 . 8 . 8 VAR TABLE | CALP 55.5 ///// TOT ALS 100.0

TOTAL NUMBER OF CRSERVATIONS:

GLOBAL CLIPATOLOGY RRANCH USAFETAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

AIR WEATHER SERVICE/MAC

HONTH: MAR MOURS(LST): 0600-0600

VIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN
(DEGREES) | 1.0 NNE . 3 2.8 5.5 • 3 2.1 NE 1.4 • 3 . 7 . 3 6.[ENE 2.1 3 . t 2.8 1.4 6.6 . 7 E 2.1 1.0 1.0 4.9 7 . 2 ESE .7 • 3 . 3 8.[SE . 3 . 3 8 . (SSE s . 3 10.0 5 S & 6.5 . 3 • 3 . 3 2.(Sh • 3 • 3 1.0 19.3 •3 1.0 2.1 • 3 5.6 13.1 • 3 . 7 . 7 -. 7 7 . 6 1.0 • 3 1.0 3.1 • ! 1 . C 1.0 5.6

CALP 60.1 ///// TOTALS 100.0

TOTAL NUMBER OF GBSERVATIONS:

VAR TABLE

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ATION NUPBER	164530	STATION	NAME:						MONTH:	OF RECOR Mar		-87 []: 0900-	1 1 C O
DIPECTION ODEGREES)	1-3	4 -6	7-10		w11 17-21	O SPEED	IN KNOTS 28-33	34-40		48-55	GE 56	TCTAL	MEAN WIND
N	••••••		.3		• • • • • • •	•••••	• • • • • • • •	• • • • • •	••••••	• • • • • • •	•••••	1.4	10.5
NN E]	• 7		. 3								1.0	8.?
N E		• 7										.7	4 • C
ENE) 1.7	2.1	2.1	1.4								7.2	6.5
E	3.4	2.4	1.4	1.4								8.6	6.[
ESE] 	•7		. 3								1.0	9.0
SE	.2		.7	.7								1.7	8.6
SSE	.,	• 7	1.0									2.4	5.1
S		1.7		. 3								2.1	6.5
SS h) 			. 3	. 3							.7	17.0
S %		• 3	•3	• 3		•3						1.4	14.6
hS h			1.4	.7		•3						2.4	11.4
N	.7	1.4	2.1	2.1	1.0	•3	•3		• 3			9.2	12.€
PN%	• 3	1.0	.7	2.4		•3						4.8	10.5
N L	.3	• 7	1.0	.7								2.7	8.3
NN is		. 3	• 3	. 7	. 3							1.7	10.8
	· • • • • • • • • • • • • • • • • • • •	•••••	•••••			•••••			•••••	• • • • • • •	•••••		
VARIABLE I	Ì												
1								,,,,,,,			,,,,,,,,		/////
TOTALS	7.€	13 - 1	11.3	12.4	1.7	1.4	• 3		. 3			100.0	٠.

TOTAL NUMBER OF CRSERVATIONS: 291

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECOPD:

78-87

STATION NUPBER: 164530 STATION NAME: GELA ITALY

MONTH: MAR HOURS(LST): 1200-14CD WIND SPEED IN MNOTS 17-21 22-27 28-33 34-40 DIRECTI CH IDEGREES) | 1 MINC h 12.0 1.4 1.7 NN E . 7 1.0 7.0 • 3 NE . 3 . 3 1.0 5.(1.0 . 3 1.0 2.7 10.6 E 1.7 8.2 1.4 ESE . 3 . 3 1.0 12.1 . 3 . 7 2.0 SE 1.0 12.2 .3 5.1 7.4 SSE 1.7 1.C . 7 1.7 s 12.2 1.7 2.4 1.7 6.1 55 W 3.7 3.0 1.0 A . 8 6.0 3.0 1.0 1.0 12.5 10.6 6.4 1.4 4.7 6.4 2.0 • 3 . 3 14.8 2.4 1.7 1.0 . 7 . 3 10.5 15.1 1.4 1.7 . 3 16.6 UNL . 3 1.0 NE .7 . 7 9.0 NN W 1.4 3.0 9.5 VAR TABLE CALP 9.8 111111 100-0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

AIR WEATHER SERVICE/HJC

STATION NUPBER: 16453C STATION NAME: GELA ITALY

MONTH: MAR HOURS(LST): 1500-1700 WIND SPEED IN KNOTS -10 11-16 17-21 22-27 28-33 34-40 6E 56 TOTAL (DEGREES) | WIND N 1.0 NNE . 3 . 3 8.[N E . 7 •3 1.0 16 . 3 ENE 3.6 .7 . 3 5.1 2.1 E • 3 . 3 1.4 2.1 10.7 E\$E • 3 .7 1.0 • 3 12.6 S E . 3 • 3 11.5 SSE . 7 • 7 . 3 . 7 7.0 2.4 2.7 • 7 .7 8.9 7.6 . 3 .3 5.3 5.5 3.1 2 - 1 .3 2 - 1 10.7 9.5 . 7 2 . 1 3.8 6.9 2.7 15.2 6.5 1.0 23.7 . 7 1.4 1.4 5.2 3.1 6.2 . 7 17.0 .7 1.0 . 3 15.0 . . 7 . 7 •3 NNL VAR JAB LE CALP 100.0

TOTAL NEMBER OF OBSERVATIONS: 291

Y

GLOBAL CLIPATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUPBER: 16453C STATION NAME: GELA ITALY 78-87 PERIOD OF RECORD: MONTH: MAR HOURSILST): 1800-2600 WIND SPEED IN KNOTS DIRECTION ! 17-21 22-27 28-33 34-40 7-10 48-55 GE 56 TOTAL MEAN IDEGREEST | WINC 1 2.0 1.4 1.4 7.7 NNE • 3 . 3 7.{ NE ENE . 7 1.0 1.7 4.7 8.1 E • 3 . 3 ESE 1.0 •7 2.4 8 . : SE . 3 .3 . 3 1.0 10.0 1.0 SSE 1.0 1.0 6.* • 3 3.4 S 1.0 . 3 .7 . 3 2.4 5.7 . 1 SSL . 3 . 7 6.5 • 3 2.0 5 . 7 . 7 9.1 • 3 1.4 . 3 3.4 USE • 3 2.4 3.4 3.4 . 3 .3 . 3 10.5 10.€ • ? 1.7 3.7 9.5 .7 13.6 WNE 2.0 1.0 2.4 10.0 .3 1.7 1.0 1.4 4.7 9.3 . 1 NN L .3 9.1 VAR TABLE CALP 100.0

TOTAL NUMBER OF GREENVATIONS: 296

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SLOBM CLIPATOLOGY OF ANCH USAFETA C AIR MEATMER SERVICE/MAC PERCENTIFIE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

710h MUPBER	: 164530	5 T AT 101							HONTH:	DF PECOR M#R		-67 TI: 2100-	5 300
••••	********	•••••	*****	••••••	wî.	D SPEED	IN KNOTS	• • • • • • •	••••••	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIMECTION		4-6	7-10		17-21	22-21	28-33	34-40		48-55	GE 56	TC TAL	ME A N WIND
N .		1.0	.7			•••••	•••••	• • • • • •	******	• • • • • • • •	••••••	3.2	6.4
MNE	. 7	• 7	.7									7.1	5.5
NE	.•	• 7				.4						1.4	9.1
ENE	3.2	2 - 8	.7	.7	.4							7.7	5.6
L.	4.9	2 - 1	1.4	.4								8.8	4.5
ESE	ı	1 - 1		.4								1.4	7.1
SE		.4	.4									.7	6.5
SSE	. 4			. 4								.7	8.5
٠ .			.4									.4	7.0
SS N I													
Sh i		• 7		.7	.•							2.1	10.6
ws b			.•	.4								.7	11.0
• i	.7	• 7	3.2	1.8	.4	1.1	.7					8.5	12.5
UN L	1.4	3 4 2	2.5	1-1	1-1							9.2	8.3
Nh i	1.4	1 - 1	.7									3.2	4.6
NN 5	. •	2 • 1		1.1								3.5	6.6
VAR TABLE	•• •••••	•••••	****	•••••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	*******	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALP	,,,,,,,,,,	,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,	191111111	,,,,,,,	,,,,,,,	46.5	,,,,,,
TOTALS	13.7	17.3	11.3	7.0	2.1	1.4	.7					100.0	4.1

TOTAL NUMBER OF CASERVATIONS: 264

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHEF SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ION NUPBER	: 164530	-							PERIOD HONTH:	OF RECOR	D: 78	-87 T): AL	ι
(2330930)	1-3	4-6	7-10	11-16	17-21	ND SPEED 27-27	IN KNOTS 28-33	34-40		48-55	6E 56	TCTAL &	PEAN WIND
N į	. 4		.7	.7			• • • • • • • •	• • • • • •	•*••••	••••••	•••••	2.7	8.3
NNE	.5	-6	. 3	•1								1.5	5.6
NE !	.•	-4	-1	•2	.1	•1						1.3	A . C
FNE	1.8	2.3	1.6	1.0	.1							6.7	6.6
ε	1.5	1-6	1.1	.9								5.2	6.3
ESE	• c	-6	.3		.1							1.4	9.2
SE	• C	• 1	.4	•5	•0	•0						.9	9.8
SSE	.6	. •	.4	. •								1.9	6.5
5	.7	1.4	.8	-4	.1							3.4	6.4
SSW	. \$	• 5	.5	- 3	•0	•0						2.3	6.1
S b	.4	• 8	1.2	. 9	.4	•2						3.9	10.4
WS h	. 2	.7	1.8	2.3	1.9	1 -0	.3	•0				8.2	14.5
		1.2	2.1	3.0	1.9	1.4	.4	. 3	•0			10.7	14.6
VN L	.4	1.1	1.0	1.3	.3	•0	-1					4.2	9.5
Nu i	.5	1 - 2	.8	-5		•1	•0					3.1	7,6
NA W	. 5	1.1	.6	•6	•2	.1						3.2	8.4
VAR IABLE	• • • • • • • •	•••••	•••••	••••••	• • • • • •	•••••	• • • • • • •	• • • • • •	•••••	••••••	•••••	•••••	• • • • • •
CAL#	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	39.2	,,,,,,
TOT ALS	9,4	15 • 1	13.7	13.3	5.2	3.0	.8	. 3	•0			100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 2267

GLOBAL CLIPATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

TION NUPBE		_		-					PEPIOD (AFR	HOURS (LS	-87 11: 0000-	0 200
DIRECTICN (DEGREES)		4-6	7-10	11-16	17-21	ND SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	!	. 4		••••••	• • • • • • •	•••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	1.2	5.2
NN E		.•	.4									1.2	4 • 2
NE	٠. ا		1.2	.4								2.4	8.[
ENE	2.8	3.2	4.8	. 8								11.5	6.2
£		1.2	1.2	.4								3.6	5.5
ESE	i	.4										.4	4.0
SF	İ											. 4	8.(
3 & Z													
5	į												
SSW	j		.0									.8	10.0
5 %	į	. •										.4	6.0
WS 6	į			.•	.4							.8	15.0
b	į .•	1.6	1.2	1.2	.4							4.8	9.2
VNE	1.2	5.0	1.2	. 8								5.2	6.2
N 6	٠.	• 8										1.2	4.0
NN b	2.t	2.0	.8									4.B	4.2
YAR IAB LE	· ! !	•••••	••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • •	•••••	•••••	• • • • • •
CALP	,,,,,,,,	,,,,,,	1111111	,,,,,,,,	,,,,,,	1111111	,,,,,,,,	,,,,,,		,,,,,,	,,,,,,,	61.5	,,,,,,
TOT ALS	6.7	12.7	12.3	4.0	. 6							100.0	2.5

TOTAL NUMBER OF CRSERVATIONS: 252

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GLOBAL CLIPATOLOGY BRANCH USAFETA C

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: AFR HOURS(LST): 0300-0500

•••••	*******	•••••	• • • • • • •	•••••	······	ND SPEED	TN KNOT		•••••	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION (OBEGREES)		4-6	7-10		17-21	22-27	28-33	34-40		48-55	GE 56	TCTAL R	ME A N
N		2.5	• • • • • • • •	•••••	•••••	•••••	• • • • • • • •	• • • • • • •	•••••	•••••	•••••	3.3	4.:
MAE		.4	.4									1.7	4.5
NE	. e		.4	.8								2.1	7 . E
ENE	2.5	3 • 7	2.9	2.5								12.1	6.8
E	.•	3.3	.8									5.0	5.6
ESE		• 8										.8	5.5
SE													
SSE													
s													
SSb													
Sh		. •										.4	5 • C
WS b						.4						.4	23.0
u	. •	• 8	1.7		.4	.8						5.0	11 - 1
un L	.•	1.7	1.7	. 4								4.2	6.6
Nb	. •	2.1	1.2									3.7	5.7
NN L		. 4										1 • 2	3.7
VAR TABLE	·	•••••	• • • • • • •		•••••	•••••	• • • • • • •	••••••	••••••	• • • • • • •	•••••	•••••	
CALF	,,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	13111111	,,,,,,,	,,,,,,	/ 60.0	111111
TOTALS	7.5	16.2	9.2	5.0		1 -2						100.0	2.1
•••••	; , , , , , , , , , , , , , , , , , , ,	•••••	• • • • • • • •		•••••	•••••	• • • • • • • •						

TOTAL NUMBER OF ORSERVATIONS: 240

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

	* *		-	GELA 17A					HONTH:	DF RECOR Afr		-87 T): 0600-	0 8 C O
		•••••	•••••	•••••			IN KNOTS		• • • • • • • •	• • • • • • •	•••••	•••••	• • • • • •
IRECTION (Degrees) (1	4-6	7-10		17-21	22-27	28-33	34-40				TCTAL \$	WE AN
N .	1.0	. 3	•••••	•••••		•••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • •	••••••	1.4	3.0
NNE	2.8	1.0	.7									4.5	3.€
NE		1.4	1.0		.3							2 - 8	1.5
FNE	2.1	4.5	3.8	1.4								11.8	6.5
£	2.4	1.4	.7	1.4								5.9	5.5
ESE	• *		. 3									.7	6.(
SE													
SSE													
s			• 3			-						.3	10.0
55 6													
S h					. 3							.3	20.0
us h													
		1.4	2-1	1.0	• 3							4.9	9,1
WA .	.1		1.7	. 3								2.8	7.4
N.	1.4	1.4										2.8	3.5
NN W	1.0	1.0	•3									2.4	4.1
AR TABLE	•••••	•••••	•••••	•••••	•••••	•••••	•••••	• • • • • •	• • • • • • •	•••••	•••••	•••••	
CAL P	111111111	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	13111111	,,,,,,,	,,,,,,,	59.2	,,,,,,
TOTALS !	11.5	12 - 5	11.1	4.2	1.0							100.0	2.6

TOTAL NUMBER OF COSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	IN KNOIS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	. 3	. 7	1.0		•••••		• • • • • • • •	•••••	•••••	••••••	••••••	2.1	7.2
NN E	.3	1.0										1.4	5.0
NE		• 3	.7									1.4	6 • 3
ENE	į	2.1	2.1	3. 1								7.3	9.8
€	• 1	1.4	1.4	. 3			.3					3.8	9.4
ESE	.7		• 3									1.0	4 • 3
S E	.,	1.4	• 7	. 3								2.8	6.4
SSE	.7	1.7	- 3	. 7								3.5	6.;
s	1.7	1.7	.7									4.2	4.;
SSL	1.0	• 3	• 3	. 3								2.1	5.3
5.6	.7	• 3	.7		.7	.3						2.8	10.€
ush	.,	• 3	2.8	1-4	.7	.3	. 3					6.6	11.6
u	į	• 3	3-8	3.8	2 • 8	•3						11.1	12.5
WNS		• 7	1.0									1.7	6.0
N b	į	• 7	1.4	. 7								2.8	8.1
NN b	• ?	• 3	1.4	. 3								2.4	7.€
VAR TABLE	· ••••••• !	••••••	•••••	• • • • • •	• • • • • •	••••••	• • • • • • • • •	• • • • • •	•'•••••	•••••	••••••		
CALF	,,,,,,,,,	,,,,,,		,,,,,,,	111111	,,,,,,,,	,,,,,,,,	111111	,,,,,,,	,,,,,,,	,,,,,,,,	43.1	111111
TOTALS	7.6	13 - 5	18-7	11-1	4 - 2	1 •0	.7		,			100.0	5.3

TOTAL NUMBER OF CBSERVATIONS: 288

GLOBAL CLIPATOLOEY PRANCH USAFETA C AIR WEATHER SERVICE/MAC

FEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

TION NUTBER	164530	STATION	NAME:						PERIOD Month:	OF RECOR		-67 11: 1200-1	460
DIRECTION (4-6	7-10	11-16	WIA 17-21	22-27	IN KNOTS 28-33	34-40		48-55		TC TAL	ME AN
N .	. 4	.7	1.1		• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	••••••	••••••	2.5	7.1
NN E		.4	. •	.4								1.1	8 . 2
NE		.4										. 4	6.[
ENE		.7	1.1	1.4								3.2	10.1
E	. •		.7	1-1	.4		.4					3.2	12.6
ESE			.4	.4								.7	9,5
SE	.,	. 4	1.1									2 + 1	6.3
SSE	.7	.4	.7	1.8								3.5	9.4
s	1-1	2 - 6	1.4	2 • 1								7.4 *	7.1
SSI	2.8	5 - 3	2.8	1.8								12.7	6.;
S h	.7	1.8	3.2	6.3	.7	.7	.4					13.7	3.11
WS h	.4	3.2	2.5	F. 8	4.6	4.6	1.8					25.7	15.5
		- 7	1.4	2.8	2.1	3 .2	1.4					12.0	18.0
un b				.7	.7							1.4	15.0
N h													
NN b 1				.4								.4	12.0
VAR TABLE	••••••••••••••••••••••••••••••••••••••	•••••	•••••	•••••	••••••	•••••	• • • • • • • • •	• • • • • • •	•••••	••••••	•••••	••••••	•••••
CALP	111111111	////////	11/1///	,,,,,,,,		1111111	,,,,,,,,	1111111	13111111	,,,,,,,	,,,,,,,	10.2	,,,,,
TOTALS	7.4	16.9	16.5	28.2	8.5	8.5	3.9					100.0	11.0

TOTAL NUMBER OF CASERVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

				GELA ITA					PERIOD (& FR	HOURSILS	1): 1500-	1 100
1	••••••	•••••	•••••		WIN	D SPEED	IN KNOTS		•••••	• • • • • • •	•••••	•••••	
IRECTION ! IDEGREES)	1-3	4 -6	7-10			-	28-33					TCTAL 3	ME A N Winc
N 1	• ?	• 3	.3		••••••	•••••	• • • • • • • • •	• • • • • •		••••••	•••••	1.7	8 - 8
NNE 1		• 3			• 3							.7	12.5
NE Ì		• 3										• 3	5.0
ENE I		• 7	1.0	2 • 1								3.8	11.2
E i		• 3	4.3	. 3		•3						1 - 4	13.0
ESE !	• ?	• 3	•3		• 3							1.7	10.6
SE I		• 7	• 3			•3						1.4	11.6
SSE !	. 3			1.0	• 7							2 • 1	13.1
5	.3	1.4	2.4	3.1	•7	•3						8.4	11.7
SSN 1	2.8	3.1	•3	1.0								7.3	5 • 2
S h 1 US h 1	1.7	2 • 8	1.0	1.4								7.0	7.1
W 1	1.4	1.0	1.7	9.4	5.9 6.3	8.0	2.8					27.6 20.6	17.(
UNL !	• -	• 1	1.7	4.2	•3	4.9	2.6					.3	19.: 20.0
Nh I		• 3		.3	• 3							• • • • • • • • • • • • • • • • • • • •	8.0
NN N		• 3	.7									1.0	
i	••											•••	
VAR TABLE													
CALP !	,,,,,,,,,	////////	1111111	,,,,,,,	///////	///////	,,,,,,,,	,,,,,,	11111111		,,,,,,,	13.6	111111
TOTALS	7.7	12 . 6	10.1	24.5	14.7	14.0	2.8					100.0	12.;

TOTAL NUMBER OF OBSERVATIONS: 286

Special and special control of

GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTIAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY PEPIOD OF RECORD: 78-87 MONTH: AFR HOURS(LST): 1800-2000 DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 TETAL MEAN 41-47 48-55 GE 56 (DEGREES) | 1.7 . 3 NNE . 3 . 3 1.4 8 . : . 7 NE . 3 1.0 1.4 11.0 ENE 1.0 2.4 1.0 . 3 4 . 8 9.; Ĺ . 7 1.0 . 3 2.1 7.5 ESE .7 • 3 • 3 8 . i SE .7 • 3 1.1 . 3 6.[SSE . 7 1.4 . 7 2.5 \$. 7 2.1 5.5 1.4 554 . 7 3.4 5.0 1.0 1 . 7 . ? . 3 5 1.0 1.7 8.0 WSL . 7 • 3 1.4 4.1 1 -4 10.3 14 - 3 10.0 2 A . 3 15.0 -. 7 . 3 . 3 13.6 . 3 . 3 6.6 N b 1.0 NN W 7.5 • 3 VAR TABLE 100.0

20.3

12.4

TOTAL NUMBER OF CRSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC FERCENTIFE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

STATION NUMBER: 164530 STATION NAME: GELA ITALY

									MONTH:	AFR	HOURSILS	T1: 2100-	2 300
••••••		•••••	•••••	•••••	MII	ND SPEED	IN XNOTS	• • • • • •	•••••	• • • • • • • •	••••••	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21		28-33		41-47	48-55	GE 56	TCTAL *	ME AN WINC
N	ļ . t	1.9	1-1	•••••		•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	3.8	5.(
NN E		. •	.8	. 4								1.9	6 . 6
N E	٠٠.	. •		1.5								2.3	9.5
ENE	1.5	3 • •	1.9	1.5	.4							8.7	7.5
ŧ	1.5	3.0	1.5	.4								6.4	5 • 4
£SE		- 8	.4									1.9	5.0
\$ E	.•											. 4	3 • C
5\$ E	<u> </u>	. •										.4	6.[
2	1	. 4										.4	6.[
SSh		. •										.4	4.1
5 6	:		. 4									.4	7.0
HSE		. 4	.4	. 4								1.5	7.1
w	:	. P	3.0	2.3	1.5	.8						0.3	12.5
WNW	٠.	2 . 3	3.8	. 8								7.2	7.1
Nh	1.5	1.9	. 8	. 4								4.5	5.1
NN 6	1-1		1.1									2.3	5.5
VAR TABLE	·	•••••		•••••	• • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •		• • • • • • • •		
	i					.,,,,,,,,,	,,,,,,,,,	,,,,,,,		,,,,,,,,		44.2	111111
TOTALS	9.1	16 - !	15.2	7.6	1.9	.8						100.0	3.6
**********									• • • • • • • •		• • • • • • • •		•

TOTAL NUMBER OF CHSERVATIONS: 264

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GLOBAL CLIPATOLO EY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87 MONTH: AFR HOURS(LST): WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 MEAN LINE IDEGREES) | N 5.5 1.7 5.7 NN E . 6 . 1 •0 ₩ E • 2 • 5 • 5 •0 1.6 8.1 ENE 1.1 Ε . 7 •D 7.4 1.4 1.0 . 6 7.3 ESE . 4 . 3 -3 . 1 • 1 SE . 3 .0 6.5 . 1 SSE 8.5 • 2 . 4 . 3 .5 • 1 1.6 3.2 8.0 5 . 5 1.1 .7 . 1 .0 SSK 3.5 5 . F 10.1 . 5 . 7 •0 • \$ 9.5 15.6 • 7 . 3 1.0 2.3 3.4 3.0 1.7 •5 12.2 15.1 3.1 8.1 UNU . 3 1.3 . 5 • 2 •0 2.1 5.7 N b 1.0 • 5 • Z MNS 5.7 VAR TABLE CALP 39.6 TOT PLS 100.0 6.;

TOTAL NUMBER OF CBSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR MEATHER SERVICE/MAC

FROM HOURLY OBSERVATIONS

FROM HOURLY OBSERVATIONS

	• • • • • • • • • •	•••••	******	•• •• • • • •					•••••	• • • • • • •	• • • • • • •		
RECTION DEGREES I	1-3	4-6	7-10		17-21	22-21		34-40	· -	48-55	GE 56	TCTAL 1	PE AN BIND
	٠	•••••	• • • • • • • •	•••••	• • • • • •	•••••	••••••	•••••	••••••	••••••	•••••		2.5
NNE !	.•	1.6										2.0	4.0
NE	.•	1.2		.8								2.4	6.5
ENE !	1.6	2 - 8	4.3		.4							9.5	6.6
E	.•		.4	.4								1.2	8.1
CSE .												.4	15.0
SE .	.•											.4	3.0
SSE		.4										.4	5.0
5													
55 1													
Sh			.4									.4	7.0
	.4			.4	• •							1 - 2	11.2
• j		.0	.•	1.6	• 6	.•	1					4.0	13.4
unu į	1 • 2	. 8	1.2	.•								3.6	6.1
Nh i	.4	1.2	.4									2.0	4.4
NN h	. 4		.•									1.6	٠, ٩
AR IADLE	•••••	•••••	•••••	••••••	• • • • • • •	•••••		• • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •
1						,,,,,,,,		,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	70.0	,,,,,,
OTALS !	6.3	9.5	7.5	4.3	1.6							100.0	2.;

TOTAL NUMBER OF CREENVATIONS: 253

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHEF SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUPBER	R: 164530	STATION	NAME:	GELA ITA	LY					DF PECOR		-87	
			•••••						HONTHE	MAY	HOURS (L 5	1): 0300-	0 500
	!						IN KNOTS						
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21	22-21	28-33	34-40	41-47	48-55	6E 56	TOTAL	ME AN LING
N] . e	. 4				•••••	•••••				•••••	1.3	3.1
NNE		- 8										2.1	4.6
NE	i .a	• 8	1.3									2.5	6.5
ENE	2.1	1 - 3	3.0	••		.4						7.2	7.;
k	.4	.4		. 8	.4							2 - 1	10 • C
t s E	!			••								-4	15 • C
\$ €												.4	3 . C
55 E	i ,												
S	! !												
55 h	} }												
5 h	} .*				.4							-8	11.0
WS b	!			. 8								.8	13.5
W	† ,	- 8	-8	• 8	.4	.8	.+					4 • 2	14.5
UNE		• 8	•8	• •								3.0	6.4
N %		1.3		. •								2.5	5 • 1
NN L		1.7										2.1	4.2
VAR TABLE	i · · · · · · · · · · · · · · · · · · ·	•••••	•••••	••••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
EALP	 <i>/////////</i>	,,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,		,,,,,,,	70.5	/////
TOTALS	7.6	8.4	6.3	4.2	1.3	1 •3	4					100.0	2.4
*************	• • • • • • • • • •	•••••		•••••	• • • • • •						• • • • • • • •		• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 237

GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: MONTH: MAY HOURS(LST): 0600-0600 WIND SPEED IN MNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION ! 41-47 48-55 GE 56 TOTAL MEAN WIND IDEGREES! ! 3.5 • 3 NN E 1.0 . 7 1.7 3.6 NE 1.0 1.0 .7 . 3 3.1 5.1 ENE 3.4 1 . 7 1.7 3.7 . 7 11.2 8.; £ . 7 1.0 2.4 5.5 ESE SE SSE . 3 • 3 2.1 5 SSL 1.0 1-0 4.7 SW . 3 • 3 . 7 10.0 WSh •3 21.0 2.0 14.4 -2.7 4 . E • 3 1.0 NL . 7 . 3 1.0 5. 1 NN 6 68.4 ///// 100.0 1.0 7.1

TOTAL NUMBER OF CESERVATIONS: 294

GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTIBE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87
HONTH: MAY HOURS(LST): D900-11CO
WIND SPEED IN KNOTS
11-16 17-21 22-27 28-33 39-90 41-97 48-55 GE 56 Total ----STATION NUPBER: 16453G STATION NAME: GELA ITALY DIRECTION I MEAN WINC (DEGREES) 1 7.0 . 3 NNE . 3 .3 .7 6 . t NE 1.0 1.0 2.0 6.6 ENE 1.0 1.0 2.0 . 3 10.7 Ε 9.[. 7 1.7 1.4 . 3 ESE . 3 .3 . 3 . 3 1.4 11 - 3 SE . 7 . 3 . 3 . 3 . 3 2.0 8.0 55 E 1.7 . 3 1.0 3.0 4 . 1 S 4.7 2.0 1.0 7.8 3.7 55% 2.0 2.0 . 7 6.; 5 6 3.4 1.4 10.8 7.4 WS 4 . 3 10.2 10.8 . : 1.0 1.7 . 3 7.1 13.1 1.7 • 3 . 3 . 3 1.0 8.(N b 1.0 . 3 . 3 . 3 6 . 3 NNV . 3 . 7 11.0 CALP 36.5 ///// 12.5 1.4 100.0 5.2

TOTAL NUMBER OF COSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUPBE	R: 16453C	STATIO							HONTH:		HOURSILS	-87 T1: 1200-	1400
•••••••		** * ** * * *	• • • • • • •	••••••	ונע	O SPEED	IN KNOTS	• • • • • •	• • • • • • • • •	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)		4 -6	7-10		17-21		28-33		41-47	_		TCTAL 3	HEAN WINC
h	1 .7	• 3				•••••	• • • • • • • •	•••••	• • • • • • • • •	••••••	••••••	1.0	3.1
NN E	į		. 3									• 3	3.9
NE	<u></u>		.3									•3	8.1
ENE	į		1.7	1.4								3 - 1	10.6
£	;		.7									.7	8 . 5
ESE	į		.7									.7	9 • t
SE	į		2.0	1.4	- 3							3.7	11.4
SSE	.2	1.4	1.0	1.4								4.1	7.8
s	1.7	4 - 2	2.4	1.7	• 3	.3						10.5	7.!
556	3.1	5+8	2.7	.3	.3	•3						12.6	5.5
5 %	.,	2.0	3.7	7.1	2.0	.7	. 3					16.3	12.1
VSL	1.0	2.0	7.5	6.5	6-1	3 • 7	.7					27.6	14.4
¥		.3	2.0	1.4	2.4	2 • 9	.7					9.2	17.5
WAF				. 3								•3	14.0
Nh		• 3	.3									.7	7.5
NN 6		• 3										. 3	6.[
VAR IABLE	•	•••••	• • • • • • •	••••••			• • • • • • • • •	• • • • • •	•••••		•••••	•••••	• • • • • • • • • • • • • • • • • • • •
	,,,,,,,,,												
İ	l								********	,,,,,,,	.,,,,,,,	7.5	,,,,,,
TOT ALS	7.1	16.7		21.4	11.6	7.5	- -					100.0	10.5
***********	••••••	•••••	•••••	••••••	••••••	• • • • • • • •	• • • • • • •	• • • • • • •	*******	• • • • • • •	• • • • • • •	••••••	

TOTAL NUMBER OF CRSERVATIONS: 294

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 MONTH: MAY HOURS(LST): 1500-17CD STATION NUPBER: 164530 STATION NAME: GELA ITALY

1					WIN	D SPEED	IN KNOTS						
LPECTION DEGREES)	1-3	4-6	7-10	11-16	17-21	22-21	28-33	34~40	41-47	48-55	6E 56	TOTAL	MEAN
N		• 3	.3	. 3							•••••	1.0	9.3
MNE				• 3								•3	11-0
NE		• 3	.3									.7	7.0
ENE			1.0	.7	. 3							2.0	12.1
£			1.4	.7								2.0	10.
ESE		.7	.7	• 3								1.7	8.
SE		1.0	.7	.7								2.4	8.
SSE	• !	2.4	2.0	1.0		.3						6.1	6.
s	1.0	3.4	1.4	.7	. 3	.3						7.2	7.
55 h	2.1	5 • 8	1.7	.3		.7						11.3	6.
s v	1 • C	4.1	3.1	3.4	1.7	.7						14.0	10.
ws h	.1	2.4	4.0	4.4	5.8	3.8	1.7					23.5	15.0
		1.0	2.7	1.4	4.1	4 -1	1.7					15.0	18.5
ANP				.7								.7	13.5
N. I													
***				. 3								.3	13.0
AR JABLE 1	•••••	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	
į	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,			,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,		,,,,,,,	,,,,,,,	11.6	,,,,,
01 ALS	5.6	21.5	20.1	15.4	12.3	9.9	3.4					100.0	10.

TOTAL NUMBER OF GBSERVATIONS: 293

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUPBER: 164530 STATION NAME: GELA 17ALY

HONTH: MAY HOURS(LST): 1800-2000 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN TCTAL DIPE CTI CN 7~10 PINC (DEGFEES) 9.53 . 7 1.0 . 7 . 7 9.: 1.0 NNE . 3 NE . 3 1.4 8 . . • 3 .7 •3 2.4 12.6 ENE . 3 .7 1.0 P. 1 £ 1.0 1.7 •3 3.4 • 3 ESE . 3 • 3 .7 8 . 5 SE . 3 1.0 . 7 . 3 1.0 1.0 3.0 SSE 1.0 1.0 s 2.4 2.4 . 7 •3 6.1 1 . 7 . 3 . 7 55 k 1.7 2.0 SW 1.4 1.7 1.7 1.4 6.1 7.1 13.1 . : 2.4 3.0 2.4 8.1 1 . C 1.0 1.7 5.1 4.4 2.7 16.2 15.2 . 3 . 7 2.0 P . . 1.0 .7 6.[. . 3 . 3 1.4 . 7 MNA CALP 34.8 6.7 . 3

TOTAL NUMBER OF COSERVATIONS: 296

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GLOBAL CLIPATOLOCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

STATION NUMBER: 164530 STATION NAME: GELA ITALY

MONTH: MAY HOURS(LST): 2100-2300 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION ! 7-10 TOTAL PEAN WIND IDEGREE SI -8 2.0 1 . 2 6.4 NN E . 8 3.8 • 8 1.6 N E . e 1.2 . 8 6.6 ENE . 8 . 4 4.0 7.3 E 8.1 ESE SE 55€ 7.0 s 3.0 SSE 6.[Sh 13.5 3.2 9.; . 8 6.5 • 8 3.€ VAR TABLE CALP 66.0 ///// 100.0 2.5

TOTAL NUMBER OF ORSERVATIONS: 250

1

GLOBAL CLIPATOLOGY PRANCH USAFÉTAC AIR WEATHER SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

THE WEST THE SERVICE THE

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: MONTH: MAY HOURSELSTI: WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION ! 11-16 7-10 48-55 TCTAL 34-40 GE 56 PEAN (DEGREES) 1 Ł MINC 6.7 .0 - 1 NNE . 4 . 1 . 1 1.2 5. : . 5 ΝE . : . 7 .5 . 3 1.9 6.1 . 9 ENE . 9 8.6 2.1 1.3 .2 •1 5.6 E . 8 • 5 • 1 .0 2.5 8.5 ESE • 2 .0 . 7 10.2 SE 1.5 9.1 5 S E . 5 .6 . 4 ٠, 2.3 6.6 - 8 s . 4 .1 1.4 .8 . 1 4.3 6.3 1.6 554 .1 5.0 • 2 - 1 2.2 1.1 6.1 1.2 1.4 1.6 1.9 .5 •2 •0 .0 6.6 9.8 . 5 WSA 2.2 2.5 2.1 1.1 . 4 9.8 1.1 14.6 ¥ . : 1.6 2.1 1.9 1.5 A.7 15.1 UNL . 5 • 5 1.9 7.[• 1 1.1 5.2 . 6 VAR JABLE CALP 44.3 100.0

TOTAL NUMBER OF OBSERVATIONS: 2213

Y

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION MANE: PERIOD OF RECORD: MONTH: JLN HOURS(LST): 0000-0200 WIND SPEED IN KNOTS 17-21 22-27 28-33 39-40 DIPECTION I 41-47 GE 56 TOTAL MEAN (DEGREFS) 1 WINC MNE . 8 .8 4 . 5 NE 1.1 5.3 ENE 1.5 1.9 E 6.[ESE 5.0 SE 4.5 SSE 4.0 s 556 10.0 5 6 4.(7.5 7.; . 4.2 NN L 3.6 CALF TOTALS 100.0

TOTAL MEMBER OF COSFRVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PEPIOD OF RECORD: 78-87 MONTH: JLN HOURS(LST): 0300-0500

										344	UOOK 2 . C 3		500
***********	· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • • • •	•••••			• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21	27-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL	MEAN WINC
N	1.6			••••••	••••••		• • • • • • • • •	• • • • • • •	• • • • • • • •		••••••	2.4	3.0
NN E	.4	• 8	. e									2.0	5,4
NE	2.€	• 8	.8									3.6	4 - 1
ENE	2.0	1.2	1.2									4.4	4.5
£	1 • 2	• 8		.4								2.4	5.0
ESE	! !												
SE													
SSE	!												
s	<u>!</u>												
SSN	!												
Sh	!												
#S #	<u>.</u>												
u		1.6		. 4	.4							2.8	7.1
ANF	, !	• 8										.8	5.5
NE	. 8	1.2										2.0	4.6
NN b		. 8	.4									1.6	5.0
	· · · · · · · · · · · · · · · · · · ·	•••••		•••••			• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•
VAR IABLE	1											** *	
CALF	(<i>,,,,,,,,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,		,,,,,,,,			,,,,,,,,,			,,,,,,,,			111111
TOT ALS	8.7	8.7	3.2	. 8	.•							100.0	1 • 1
•••••	• • • • • • • • • • •					•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 252

GLOBAL CLIPATOLOEY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 HONTH: JEN HOURSIEST): DEDD-DECO WIND SPEED IN KNOTS 7-10 11-16 17-21 22-27 28-33 34-40 DIRECTION I IDEGREES I HE AN DAIN 3 . 5 NNE . 7 . 7 1.4 3.6 . 3 4 . 8 NΕ 1.0 • 3 1.7 2.8 3,5 ENE . 7 . 3 4.1 E 1.0 . 7 - 3 2.1 ESE S E SSE • 3 5 SSb Sb . 7 5 . 5 . 3 WS b 2.1 12.2 4 . C -. 3 . : N b . 3 . 3 • 3 1.0 4 . : NNL . 7 8 . ! VAR TABLE CALF 84.0 ///// . 3 100.0

TOTAL NUMBER OF CREENATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87 MONTH: JLN HOURS(LST): 0900-11CD WIND SPEED IN MNOTS 11-16 17-21 22-27 28-33 34-40 DIFECTION 1 41-47 48-55 GE 56 TOTAL IDEGREES! | NNE 7.[.4 NE P.(. 4 ENE • 7 - 4 1.4 5.6 . 1 ٤ • 7 1.8 5 . 2 ESE . 7 11.0 S E 1.4 4 . 8 . 4 SSE 2.1 3.2 3.(s 0.1 4 . 1 3.5 4 - 6 1.1 10.2 4 . (SSW 3.9 2.5 Sk 11.9 7.0 1.9 3.2 . 7 1.4 WSW . 7 2 . P 2.5 3.5 1.1 10.9 10.1 7.0 9.0 ¥ 14.0 ENE • 7 . 7 NV -9.1 VAR TABLE CALP 40.7 TOTALS 100.0

TOTAL NUMBER OF CRSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: JLN HOURS(LST): 1200-1400 WIND SPEED IN KNOTS
DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (DEGREES) 1 HIND N 18. . 3 NN E 6.5 • 3 • 3 . 7 NE ENE . 3 . 3 A . (٤ • 3 • 3 4 . (ESE • 7 1.0 6.7 SE • 3 .3 • 3 1.0 0.3 • 3 • 3 1.0 1.0 2.7 B . E 1.7 s 1.4 1.0 6.5 2 . 4 6.2 55 6 7.5 2.7 . 3 4.5 10 . 6 21.2 1.7 Sh 3 . 4 6.2 4.8 1.7 17.8 9.3 WSE . 7 2 . 7 5.8 11.6 6.5 4.9 1.4 33.6 14.5 W • 7 1.4 1.7 1.0 -NN L • 3 . 3 11.0 VAR TABLE CALP 20.2 100.0 9 . 5

TOTAL NUMBER OF CBSERVATIONS: 292

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

FROM HOURLY OBSERVATIONS

FROM HOURLY OBSERVATIONS

ATION NUPBER:	164530	STATION	NAME:			•••••			PERIOD .	JLN	HOURS (LS	-87 T1: 1500-	1 700
DIRECTION LDEGREES)	1-3	4-6	7-10	11~16	17-21	ND SPEED 22-27	IN KNOTS 28-33		41-47	48-55		TOTAL	ME A N WING
N .	• • • • • • • • •	. 7	.4	** ** * * * *	••••••	•••••	• • • • • • • • •	•••••	•••••	• • • • • • •	•••••	1.1	5 . i
NNE I		. •										.4	5.0
HE													
ENE			.4									.4	10.0
EZE													
SE	. 4	• 7		.4								1.4	6.5
SSE		1.4		.4	.7							2.9	8.6
s	. •	1.4	.7	1.4	. 4							4.3	3.5
551	5.C	8.2	2.5	1.4								17.2	5.5
54	1.5	6 • 5	4.3	3.6	2.5	.4						19.0	9.3
WS &	.7	2.9	4.3	4.3	7.5	7.5	.7					28.0	16.3
w į		2.2	1.4	2.9	1.1	3.9	.4					11.8	16.;
ANP												.4	10.0
N .	.4											.4	2.6
NN b													
VAR TABLE	• • • • • • • •	•••••	•••••	•••••	•••••	•••••	• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	••••••	•••••	• • • • • • • • •
CALF /	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	11/1///		,,,,,,,,,	//////	///////	,,,,,,,	,,,,,,,	12.9	,,,,,,
TOTALS !	8.6	24 - 4	14.7	14.3	12.2	11.5	1.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 279

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GLOBAL CLIPATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUPBER: 164530 STATION NAME: BELA ITALY

									MONTH:	JLN	HOURS (LS	F1: 1800-	2000
***********	• • • • • • • • • • • • • • • • • • •	: ; · · · · ·	*****	••••••	uI:	MD SPEFA	TH KNOTS	• • • • • •	••••••	• • • • • • •	••••••	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION ODEGREESI		4 -6	7-10	11-16	17-21	22-21	28-33	34-40	41-47	48~55	6É 56	IUIAL S	ME ÁN WIND
h	!	• • • • • •	.4	1.1	٠٠٠٠٠٠	•••••	• • • • • • • • •	• • • • • • •	••••••	••••••	•••••	1.8	12.6
NN E	! !	.4										.4	5 . (
NE	!												
ENE				.4								.7	11.5
Ĺ	Í			.4								.4	11.0
ESE		.4	.4									.7	7.0
SE	į	.4	2.1									2.5	7.4
SSE	.7	2.9	1.1	.7								5.4	6. !
S	2.1	2 - 1	1-1									5.4	4.6
556	1+1	3 • 2	.7									5.0	4 , 8
Sh	1.1	1-1	1.8		.4							4 . 3	6 . 8
WSI	.7	1 - 8	2.9	3.9	2.9	2 •1						14-3	13.2
¥	1.1	2 - 1	3.2	5.0	4.3	1 -1	.4					17-1	13.;
NN P		• •		.4								.7	10.5
NU		. 4		.4								.7	8.1
NN 5			1.8	1.1								2.9	10.5
VAR 1AB LE	· · · · · · · · · · · · · · · · · · ·		******		• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
CALP		,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,,	37.9	111111
TOTALS	6.8	15.0	15.7	13.2	7.9	3 •2	.4					100.0	6.2
********												. .	_

PERIOD OF RECORD:

78-87

TOTAL NUMBER OF CBSERVATIONS: 28C

*

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TION NUPBER		_							MONTH:		HOURSILS	-87 T1: 2100-	
	••••••	••••••	•••••	•••••			IN KNOTS		•••••			•••••	• •
IPECTION (1-3	4-6	7-10		17-21	22-21	28-33	34-40			GE 56	TOTAL	ME AN WING
N .	• • • • • • • • •	1.1	1.1	•••••	•••••	•••••	••••••	• • • • • • •	•••••		•••••	2.2	7.1
NNE	.4	• 7										1.1	3.7
NE		.4	.7									1.1	6.2
FNE .	.4	1.5										1.9	4.0
E	1.1	1.1										2.2	3.5
ESE												.4	0.(
SE	.7											.7	3.(
SSE	٠.	. 4		.4								1.1	6.7
s	.1											.7	3 • C
554	.4	. •										.7	3.[
s i		. •		• •								•7	8.(
WS W	.•	• 7	• 7	. 7	.4							3.0	9.8
· i		1.9	2.2	1.9	.4							6.4	9.0
VN L	.•	• 7										1.1	3.1
Nu i	. 4	1 - 1										1.5	4 . 8
NRU	. 7	2.2	.4									3.4	4.5
VAR IABLE	•••••	•••••	• • • • • • •	•••••	••••••	•••••	•••••	• • • • • • •	••••••	• • • • • • •	• • • • • • •	•••••	•
CALP	,,,,,,,	,,,,,,,		,,,,,,,,	,,,,,,,	11111111	,,,,,,,,,	//////	11111111	,,,,,,,	,,,,,,,	71.5	111111
TOTALS	6.t	12 . 7	5.6	3.4	.1	•						100.0	1.6

GLOBAL CLIPATOLO EY BRANCH USAFETA C AIR WEATHER SERVICE/HJC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUPBER: 169530 STATION NAME: CELA ITALY

PERIOD OF RECORD: MONTH: JLN HOURS(LST): DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 ALL DIRECTION | (DEGREES) | WINCN 1 6.7 NNE • 2 . 5 .2 .9 4.8 NE . 3 ENE . 5 .0 . 4 5.2 • 7 . 5 . 1 - 1 1.2 4.8 ESE . 2 .0 7.7 . 1 .4 SE • 2 • 3 •4 - 1 1.0 6.3 . 9 . 5 SSE .3 • 3 - 1 2.0 6.5 1 - 1 .5 . 3 .0 5.1 1.1 • 2 2.0 2.0 1.3 8 . ! 1.0 ۰0 7.0 2.1 2.4 3.1 1.9 . 3 14 . 3 1.5 11.6 . • 1.5 1.4 1.9 1.0 .9 -1 12.4 • 1 .0 . 1 .0 7 . : . 3 • 5 .0 •0 4 . 6 NN b VAR IABLE CALF 51.3 ///// TOTALS 8.0 4.3 100.0

TOTAL NUMBER OF CBSERVATIONS: 2205

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GLOBAL CLIPATOLOGY BRANCH
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PEPIOD OF RECORD: 78-87 MUNIN: JLL MUUNSILSII: UUUU-UZCU

******									MONINE) IT	MONKRIFF	11: 0000-	ů ZLU
DIRECTION (DEGREES)	 1-3 	4-6	7-10	11-16	17-21	ND SPEED 22-21	TN KNOTS 28-33	34-40	41-47	48-55	6E 56	TCTAL 8	ME A N WIND
N	1.1				••••••	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••••	1.1	2.1
RNE	.•	. •										.8	4 • [
NE		-4										.8	3.(
ENE	1-1											1-1	2.3
£	. •											.4	3 • 0
ESC	. 4											.4	2.1
st	. •											.4	5 • (
5 5 ₹													
S	i	.4										.4	6.[
55 ti	i												
S &	į												
WS b		.4										.4	6.[
W		.4										1.5	5 . 2
***	.•	.4	.4									1.1	5.7
N L												1.1	3.1
NN b	į	.8	.8									1.5	5.6
VAR IABLE		•••••	•••••		••••••	• • • • • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • •	•••••	•••••	•
	,,,,,,,,,												****
TOTALS	6.1	3.4	1.5			• • • • • • • • • •	,,,,,,,,,,	,,,,,,,	********	,,,,,,,	*********	-	,,,,,
10125	• • •	3.4	1.5									100.0	• 5
		• • • • • • • •	*****	•••••		• • • • • • • • •			••••••	• • • • • • • •	*******	•••••	

FERCENTIFE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOBAL CLIPATOLOGY BRANCH USAFETAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87 MDMIH: JLL HUUKS(ES1): 0300-0360 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION I 10E6 FEE 51 1 WIND 3,6 1.2 2.0 . 4 1.2 1.6 4 . 3 NE 1 - 2 1.2 ENE • 6 E ESE SE SSE s 55 b 5 6 1.6 WNW M L 3.7 NN b CALP

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD:

78-87

AIR WEA INE # SERVICE/MFC

STATION NUPBER: 164530 STATION NAME: GELA ITALY

MONTH: JLL HOURS(LST): 0600-0800 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION I HIND N 3,! NN E • 3 • 3 5.0 NE . 7 • 3 1.0 3.i ENE 1.0 . 3 2.1 ۹.۲ E 2.0 • 3 ESE SE SSE 422 SN . 3 - 3 4.0 WSL • 3 - 3 3.0 1.0 2.1 . 1 • 3 1.0 1.0 1.0 3.0 VAR JABLE CALP

GLOBAL CLIPATOLOEY BRANCH AIR WEATHER SERVICE/HAC

PERCENTIBE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: MONTH: JLL HOURS(LST): 0900-1100 WIND SPEED IN KNOTS 7-10 11-16 17-21 27-27 28-33 39-40 41-47 48-55 GE 56 TOTAL MEAN DIRECTION | IDEGREES | PINC 1.0 1.0 8.1 NE .7 • ? 3.0 ENE . 7 . 3 . 3 1.4 4.1 • 3 . 3 5.0 . ! • 3 .7 5.0 SSE . 7 . 7 .7 2.0 5.1 . 3 3.1 7.2 4.1 3 . 6 3,4 SSE . 3 10.9 4 . 5 3, 1 ... 12.3 2 . 7 4.1 1.7 10.9 7.1 1.0 2.7 . 1 1.4 5.5 10.0 • 3 . 3 7.0 NA . 3 7.0 .3 NN W • 3 6.5 VAR TABLE CALR 45.7 ///// 100.0

GLOBAL CLIPATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

• • • • • • • • • • • •			••••				•		HONTH			1): 1200-	
DIRECTION I ODEGREES) I	1-3	4-6	7-10	11-16	17-21	ND SPEED	IN KNOTS 28-33	34-40	41-47	48-55		TCTAL	PEAN WIND
N 1	•••••	•••••	•••••	•• •• • • • •	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
NNE !													
NE !													
ENE !													
E !													
ese !			•3									- 3	8.0
SE !		• 7	.7									1.3	6.3
SSE !		• 3		. 3								.7	9.5
s	1.0	6 • G	2.3									9.3	5.;
SSN I	3.c	6 - 3	7.3	.7								17.2	6.;
S &	2.6	6 • 6	9.3	8.3	1.7	3						28.8	9 • 1
WS b	.7	2 • 6	6.0	12.6	3.3	2.3						27.5	12.5
u į	• ?	1.3	1.0	4.0	1.3	1.7	.3					9.9	19.2
-													
Nh I													
NA P				- 3								•3	11-0
VAR TABLE	•••••	•••••	•••••	·····	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
CALP	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	4.6	,,,,,
TOTALS	7.6	23 • 8	26.8	26.2	6.3	4.3	•3					100.0	9.1

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TION NUPBER	: 164530								PER10D MONTH:		D: 78	-87 T): 1500-	1700
1	** ** ** * * *				WI	ND SPEED	IN KNOTS		• • • • • • • • •	• • • • • • •	••••••	• • • • • • • •	• • • • • • • • •
DIRECTION (OEGREES))	1-3	4-6				_			41-47		GE 56	TOTAL	PE AN Wind
N !			•3	. 3	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	•••••	••••••	.7	11.0
NNE													
NE													
ENE													
E			.3									.3	7 • t
ESE		• 3										.3	5.0
SE		. 3										.3	6.(
SSE	1.0	1.0		. 3								2.4	5.6
s	1.4	3.4	3.1	• 3								8.1	6.0
SSW	3.1	6.4	4.4	1.4	• 3	•3						15.9	6.5
Sh i	1.7	3.7	9.5	4.4	.7	.7	.3		,			21.B	9.6
WS W	1.7	2.7	5.4	6.8	5.8	4.4	.7					27.5	13.5
		2.4	1.4	5.0	2.0	3 .4	• 3					11.5	16.;
UNE				.3								. 3	15.0
N.				. 3								.3	12.0
NA L				.7								.7	14.5
VAR TABLE	••••••	•••••	•••••	•••••	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • • •	•••••	••••••	• • • • • • • • • • • • • • • • • • • •
CALP I	,,,,,,,,	,,,,,,	1111111	,,,,,,,,,,	,,,,,,	,,,,,,,,	11111111	,,,,,,	,,,,,,,,		,,,,,,,,	10.5	,,,,,,
TOTALS	8.6	20.3	24.4	16.9	8.8	8.8	1.4					100.0	9.6

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SHEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUPBER: 164530 STATION MAME: GELA ITALY

IRECTION I DEGREES) I	1-3	4-6	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 8	HE A N
N .	•••••	•••••	.3	1.0	••••••	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	**	1.7	11.0
MNE				. 3								. 3	12.0
NE		• 3	. 3									.7	7.6
ENE	.:		.3									.7	5 • 0
E į		• 3	. 3	. 3								1.0	e . r
ESE	.1	• 7	.7									2.0	4.5
SE		1.0	.7									1.7	5.4
SSE	1.7	2.7	1.3	- 3								6.0	5.;
s	1.7	2.7	1.7									6.0	5.2
SSL	2.3	2 • 0	1.0	• 3								5.7	4.6
Su i	2.0	3.7	3.7	1.0	• 7							11.0	7.;
WS b	1-0	2.0	3.7	2.3	2 • 3	-3						11.7	10.6
u į	1.3	1.3	2.3	2.0	3.0	1.0						11.0	12.4
WN .			• 3	1.0								1.3	11.5
N.													
MM h			• 3	.7								1.0	10.1
VAR TABLE	•• •• ••	•••••	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••	•••••	• • • • • • • •
CALP !	,,,,,,,,,,		,,,,,,,,	,,,,,,,,	,,,,,,,	/////////	/////////	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	38.5	,,,,,,
TOTALS I	11.C	16 - 7	17.1	9.4	6.0	1.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 29

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GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87
MONTH: Jil HOUNS(LSI): 2100-2300

***************************************		•••••	• • • • • • • •	• • • • • • •	I	ND SPEED	IN KNOT		• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)		4-6	7-10		17-21	22-27	28-33	34-40	41-47	48-55	6E 56	TOTAL 3	ME AN UIND
N	. 7	. 4	1.1				• • • • • • • • •		•••••		•••••	2 • 2	5.3
NN E		.4	.4									.7	6 • 0
NE		. 7										.7	4 . 5
ENE	1.1	. 7										1.8	3 . 4
£	.•	. 7	.4									1.5	5 . ε
ESE													
SE	٠.	.4	.4									1.1	4.1
SSE	1.5	. 7										2.2	3 - 2
S													
55 h		1.1										1.1	5.1
Sh		.4										.4	5 . (
WS b	.4	1.1	1.5									2.9	6.1
u	.7	1.5	.•	1.5								4.0	7.1
wn s													
N b			.4									.4	8 • C
NN b		• 1	.4									1.1	5 • (
VAR TABLE	••••••••	•••••	• • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
	 <i> </i>	///////		,,,,,,,	,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,	1111111	///////		,,,,,,,,	79.9	11111
TOTALS	5.1	8.8	4.7	1.5								100.0	1.1
												••••••	•

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBE	R: 16453G	STATION	NAME:						MONTH:		HOURS (LS	-87 T): AL	L
••••••	;	•••••	• • • • • • • • •	••••••	WIN	D SPEED	IN KNOTS		• • • • • • • • •	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)	İ	4-6	7-10			22-27	2R-33				GE 56	TCTAL	ME A N W I N C
N	. •	• 3	. 4	. 2		••••••	• • • • • • • • •	• • • • • •	•••••	••••••	••••••	1.2	6.1
NN E	.1	• 3	•0	•0								.4	5.4
NE	. 2	• 3	.0									.6	3.5
ENE	.5	- 3	• 1									1.0	3.5
E	.1	•1	- 1	.0								.4	5.5
ESE	- 1	• 2	• 1									.4	4.5
S E	. 1	• 3	• 3									.7	5.3
SSE	. 6	• 7	.3	. 1								1.7	5.;
S	۰,	2 • 1	1.0	•0								4 • 1	5.2
556	1.5	2.8	1.9	.•	•0	-0						6.7	5.5
SW	1 • 2	2 • 6	3.4	1.9	.4	•1	•0					9.7	8.4
MSF	. e	1 - 5	2.7	3.1	1.5	.9	-1					10.7	11-5
u .	.5	1.3	1.0	1-6	•8	.8	•1					6.1	12.1
WNL	•1	• 3	-1	• 2								.7	7.1
NL	• 3	• 0	• 1	•0								.5	4.6
NN L	• 7	• 2	•?	. 3								.8	7.1
VAR TAP LE	· · · · · · · · · · · · · · · · · · · ·	•••••	••••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •		•••••	•••••	• • • • • • • • • • • • • • • • • • • •
	i ,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,	,,,,,,	/////////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	54.1	/////
TOT ALS	1 8.c	13 • 3	11-8	7.8	2.9	1.9	•2					100.0	3.5
	1												- •

SLOBAL CLIPATOLOGY BRANCH USAFETAE AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ION NUPBER	: 164530	STATION	NAME:						PERIOD Month:	OF RECOR ALG		-87 T1: 0000-	0.200
IRECTION DEGREES)	1-3	4-6	7-10	11~16	17-21	22-27	IN KNOTS 28-33	34-40	41-47		GE 56	TCTAL	PEAN WIND
N [. 5			•••••	*******	• • • • • • • • •	• • • • • •	******	••••••	******	1.5	5.0
NNE I	1.5											1.5	2.5
NE I	. 4	. 4										.8	3.(
ENE	1.1	1.5										2.7	3,€
E	.4	. 8										1.1	3.7
ESE		. 4										.4	5 . (
SE													
SSE	.4											.4	3.0
5													
:Sh													
S b	.4											.4	2.0
WS N			.4									.4	7.8
	. e	. 8	1.1	. 4								3.0	6.4
WNS		. 4	.8									1.1	7.0
N L	.*											.4	2.0
NN h		1.5										1.5	۹,5
VAR TABLE	• • • • • • • •	•••••	••••	••••••	•••••	******	• • • • • • • •	• • • • • • •	•••••	••••••	•••••	•••••	
CALP .	,,,,,,,,	,,,,,,,	11/1///	11111111	,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	84.8	/////
TOTALS	5.7	6.4	2.7	.4								100.0	. i

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TION NUPBER	: 164530	STATION	NAME:						PERIOD MONTH:	OF RECOR Alg	D: 78- Hoursils		0 500
DIRECTION 1 (DEGREES) 1		4-6	7-10	11-16	17-21	ND SPEED 27-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL B	ME A N WIND
N !	.4	1.2	******	•••••	• • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	••••••	••••••	1.6	4.(
NNE			.4									.4	8.(
нЕ	. *	1.2										2.1	3.4
ENE !	.•	1.2		.4								2.1	6.6
£	1.6											1.6	3.6
ESE													
SE I													
388		.4										.4	4.8
s													
SSN I	.4											.4	2.0
s. i													
NS I			.4									.4	7.0
u į		- 8	.4									1.2	6.1
WNL	. 4		.4									. 9	6.1
NL İ	1 • 2	• B										2.1	3.;
NN %		• 8										.8	5.0
VAR TABLE	••••••	•••••	•••••	••••••	• • • • • •	•••••	• • • • • • • • •	• • • • • • •	••••••	••••••	•••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALP	,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	11111111	,,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	86.0	,,,,,,
TOTALS	5.3	6-6	1.6									100.0	. 1

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATICA MANE: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: ALG HOURS(LST): 0600-0800

		•••••		•••••			IN KNOT		• • • • • • •	• • • • • • •	••••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION ((DEGREES)		4-6	7-10		17-21	_	28-33	34-40	41-47	48-55	6E 56	TOTAL	ME A N H I N D
N I	1.0	.7						• • • • • • • •	• • • • • • • •	•••••	••••••	1.7	3.4
MME	.3											-3	2.0
NE	.1											.7	3.0
ENE	.7	1.0	1.0									2.8	5.4
Ē.	1.0	• 7										1.7	3 • 4
EZE													
\$ E													
358													
s													
SSh													
S %	•												
WS &		• 3	• 3									.7	6.5
v		• 7										.7	5.5
VN is			•3									•3	7.0
**													
NN 5 1	1.0											1.0	2.1
VAR TABLE	•••••	• • • • • • •	****	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	••••••	• • • • • • • • • • • • • • • • • • • •
CALP	1111111111	,,,,,,,	1111111	111111		,,,,,,,,	,,,,,,,	1111111	1111111	,,,,,,,,	,,,,,,,	89.9	111111
TOTALS	4.5	3.*	1.7									100.0	
***************************************	•••••			• • • • • • •		• • • • • • • •		• • • • • • •		• • • • • • •			

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

IION NUPBER	: 16453C	STATIO	NAME:						MONTH:	OF RECOR ALG		-87 TI: 0900-	1 100
IRECTION I	1-3	4-6	7-10	11-16	17-21	NO SPEED 22-27	IN KNOTS 28-33	34-40		48-55	GE 56	TOTAL	ME A N WIN G
, , , , , , , , , , , , , , , , , , ,	.7	•••••	• • • • • • • •	•••••		••••••	• • • • • • • •	• • • • • • •	•••••	••••••	•••••	.7	2.0
NNE	. 3		-3									•7	4.5
NE !			•3									•3	9.[
ENE	. 1	• 7	• 3									1+3	5.3
Ε													
ESE		• 3										•3	4 . C
SE	1.0	.3										1 • 3	3.3
SSE	1.3	2 • 4	1.0									4.7	4.6
s	4 • C	3.0	- 3									7.4	3.4
SSW	2.1	4.7	- 3	• 3								1.8	4.4
S &	. 3	4.4	2.0	.7								7.4	6.1
WS L	1.0	3.7	1.0	2.0	2.4	.3						10.4	10.2
w i	.:	• 7	.7	.7	• 3							2.7	9.8
WN L	. 3											. 3	3 . 0
NW													
NN L													
VAR SABLE	••	•••••	•••••	•••••		•••••	• • • • • • • •	• • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •
CALP 1	.,,,,,,,,	,,,,,,,	1111111	,,,,,,,,	1111111	11111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,,	54.2	/////
TOTALS	12.5	20 • 2	6.4	3.7	2.7	•3						100.0	2.8

AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION YERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION MARE: GELA ITALY

PERIOD OF RECORD: 76-87 MONTH: ALG HOURS(LST): 1200-1400 UIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) | MIND N | +3 2.0 NN E NE ENE . 3 10.0 .3 E ESE • 3 . 3 13.0 SE - 3 . 3 5.0 1.3 SSE .3 5.4 5 1.7 4.4 2.3 1.3 . 3 10.1 7.6 3.4 9.1 3.0 . 3 6.5 5.4 8.4 2.3 1 - 3 5.4 •3 23.2 10-1 7.4 6.7 1 . 2 2.0 4.0 1 .7 25.8 12.1 • 3 1.0 1.7 W • 3 . 7 1.3 5.4 13.5 WNK N L NN % VAR TABLE CALP 6.7 ///// TOTALS 7.4 100.0

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC FERCENTIGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD:

78-87

STATION NUPBER: 164530 STATION NAME: GELA ITALY

HOURS (LST): 1500-1700 MONTH: ALG WIND SPEED IN KNOTS DIRECTION I 11-16 17-21 22-27 28-33 34-40 MEAN IDEGREES) I 3N NN E - 3 11.0 NE • 3 . 3 12.6 ENE • 3 7.0 E . 3 3.6 ESE S E • 3 8.0 . 3 .3 .7 . 3 в.: 1.4 s 2.0 2.7 . 7 1.7 7.1 5.6 5.1 8.8 1.4 .3 21.0 6.0 4.1 2.0 5.8 3.1 19.7 9.2 1.0 2.7 2.0 10.2 7.1 3.7 1.7 15.5 28.5 1.0 2.0 3.4 2.7 2.0 . 3 15.2 HNL • 3 . 3 12.5 . 3 11.0 VARIABLE ! CALP

2.0

TOTAL NUMBER OF CBSERVATIONS: 295

TOT ALS

*

100.0

10.1

GLOBAL CLIPATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

STATION NUMBER: 16953C STATION NAME: GELA ITALY PERIOD OF RECORD; 79-87

• • • • • • • • • • •	•••••	•••••							HONTH:	ALG	HOURSILS	1): 1800-	2000
DIRECTION I DEGREES)	1~3	4-6	7-10		17-21	22-27	IN KNOTS 28-33		41-47	48-55	GE 56	TGTAL 3	MEAN
N .	•••••	•••••	1.4	.7		• • • • • • • • • • • • • • • • • • • •	• • • • • • •		•••••	••••••	••••••	2.1	9.5
NNE !						-3						•3	25.0
NE I													
ENE	.7	. 3										1.0	3.1
E		1.0										1.0	5.0
ESE	. ?	. 3										.7	4.0
SE													
SSE	t.C	1.4	.7	.7								3.8	6.;
s	3.3	3 • 5	•3	. 7								7.6	4.6
SSI	2.1	2.4	2.1	. 3								6.9	5 . ŧ
S N	. 7	2 - 8	2.4	2-1	7							8.7	8.5
WS N	1.0	2.1	1.7	4.8	2.8	•3						17.8	12.1
u [1.0	1.0	3.5	6.9	3.5	2 .4						18.3	13.7
WAL !			-3	.3								.7	9.5
Nh j													
KN 6				.7								.7	13.5
VAR TABLE	•••••		•••••			••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
i	,,,,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,,,	////////		,,,,,,,	11111111	,,,,,,,	,,,,,,,	35.3	/////
TOTALS	10.C	14.9	12.5	17.3	6.9	3.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 289

¥

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC FERCENTIFEE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

STATION NUPBER: 16453C STATION NAME: GELA ITALY

									HONTH:	ALG	HOURS (LS	7): 2100-	2 300
•••••		•••••	*******	******	**************************************	AN SPEEN	IN KNOTS	• • • • • • •	••••••	• • • • • • •	•••••	••••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)	1-3	4 -6	7-10	11-16	17-21		28-33	34-40	41-47	48-55	GE 56	TOTAL	ME A N LIND
N	, , ,	1.5	1.5		• • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	••••••	4.1	6.1
	1	_											
MN E		• 7										1.1	4.0
ME	į ,•	• •										• 7	3.5
ENE	.7											1.1	4 . 2
L	ĺ	-4										.4	4.0
ESE	.,	-4										1.1	3.0
SE	.,	. •	.4									1.5	4 • 0
3.2.E	٠.											.7	4.(
\$	Í	1.1	.•									1.5	5.5
554	. •											.4	2.0
2.6		. 4	.4									.7	6.5
WS h	.,	1.1	1.5	.4								3.7	6.4
ti .	٠٠.	• 7	4.1	1.5								6.7	8.7
VNL	i	1.5					•					1.9	5.4
Nb	.•	- 4										.7	4 • C .
NN L	į	•4	.4									.7	1.6
VAR IABLE		•••••	•••••	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	••••••	••••••	••••••	• • • • • • • • • • • • • • • • • • • •
!	i . , , , , , , , , , , , , , , , , , , ,		,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,			72.6	,,,,,
	t												
TOT ALS	1 6.C	9.7	9.3	2.2								100.0	1.6

GLOBAL CLIPATOLOCY RRANCH USAFETA C AIR WEATHEF SERVICE/HAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUPBE	R: 164530	STATION	NAME:						PERIOD Month:	OF RECOR	D: 78	-87 T): AL	ι
DIRECTION (DEGREES)		9-6	7-10		w10	ND SPEED 22-27	IN KNOTS	34-40	41-47	48-55	GE 56	TC TAL	ME AN WING
N		•5		.1		•••••	• • • • • • • •	• • • • • • •	••••••	••••••	******	1.5	5.6
NNE	.3	-1	-1	•0		.0						.6	6.1
NE		• 2	•0	•0								.6	4.6
ENE	.5	-6	.3	.0								1.4	5.1
,£		. 4										.8	3.8
ESE		• 2		.0								.4	4.5
SE	.2	-1	.1									.4	4.2
SSE		• 8		. 1								1.7	5.5
S	1.4	1.9	.7	.4	•0							4.4	5.0
SSI	1.6	3.4	2.2	. 7	•0	•0						8.3	6.1
5.6	.5	2 • 3	1.6	2.2	.8	•D						7.9	9.1
WS N		1.6	1.9	3.4	2.1	.8	.3					10.8	12.5
u		• B	1.6	1.9	.9	.8	•0					6.4	12.€
WN L		• 2	• 3	• 1								.7	7.;
NE	1 .2	- 1										.4	3.2
NN L	1 .1	• 3	•0	• 1								.6	6.1
	l •••••••				•••••	• • • • • • • •							• • • • • • • • • • • • • • • • • • • •
VAR TABLE	1						, , , , ,						
CALP	İ <i>,,,,,,,</i>	////////	1111111	,,,,,,,,	//////	,,,,,,,,	,,,,,,,,	,,,,,,,	11111111	,,,,,,,,	,,,,,,,,	53.2	111111
TOTALS	8.3	13 - 6	9.7	9.2	3.9	1.7	.4					100.0	4.1
***********	• • • • • • • • • •				• • • • • • •	• • • • • • •	• • • • • • • • • •						

GLOBAL CLIPATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 264530 STATION NAME: GELA ITALY PETIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

••••••		•••••	*****	• • • • • • •		ID SPEED	IN KNOTS	• • • • • • •	•••••		••••••	••••••	•••••
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-21	28-33	34-40	42-47	48-55	GE 56	TCTAL 3	ME A N WIN C
H	1.5		.4	•••••		• • • • • • • •	• • • • • • • •	• • • • • •	******	•••••••	• • • • • • •	2.7	3.7
NNE		1.5	.4									2.3	4.6
NE	; !	.4	.4									.8	5.5
ENE	1.5	2.3	1.5									6.1	5.3
E.	2.1	• 4	.4	-4								3.8	4.4
E S E	į												
\$ E													
5\$ E	į												
\$	Í		.4									. 4	10.0
5 5 u			.•									.4	7.0
\$ 4													
N2 #			.4									.4	7.0
u	•	.8										1.1	7.1
464	.	2.3	1.1	. 4								3.8	6.1
NL	.4	.4										1.1	4.7
NN b	1.1	1 - 1										2 • 3	4.0
VAR TABLE	•		••••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
	.,,,,,,,,,			///////////////////////////////////////		1//////	,,,,,,,,,	//////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,	,,,,,,,,	74.9	/////
TOT ALS	8.c	9.9	5.7	1.5								100.0	1 • 1
	! **						• • • • • • • •	• • • • • • •	•••••			• • • • • • • • •	

TOTAL NUMBER OF OBSERVATIONS: 263

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GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBE	R: 164530	STATION	NAME:	GELA TT	AL Y				PERIOD Month:			-86): 0300-	0 500
•••••		•••••	•••••	•••••	u I	ND SPEED	IN KNOTS		•••••	• • • • • • •	•••••	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION ODEGREESI		4-6	7-10	11-16		22-27	28-33		41-47	48 -55	GE 56	TCTAL 3	ME AN Wing
N	. •	2.1	.4	••••••	•••••	•••••	•••••	•••••	•••••	••••••	•••••	3.0	5,€
NN E	2.1	. 4										2.5	2.5
NE	į												
ENE	3.0	2.1	1.3	.4								6.8	4 . E
E		1.3	.4									2.5	4.7
ESE	į			. 4								.4	12.1
5.€	į												
SSE	.•											.4	2.0
s	į												
SSW	į												
Sh												.4	2.0
HSA	j 1			.4								.4	14.[
u	.•	. 4		1.7								2.5	9.5
UNL	1.7	. 4	.8									3.0	4.1
Nu	i i	1 • 3										1.3	5.0
NN b	.4	.4										.9	3.5
VAR TABLE	· ·	•••••	••••	•••••	•••••	•••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	•••••	
1	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,		,,,,,,,,	1111111	////////		,,,,,,,,	75.9	111111
TOTALS	9.7	8.4	3.0	3.0								100.0	1.4
	 • • • • • • • • • • • • • • • • • •												

GLOBAL CLIPATOLOGY BRANCH
FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC
FROM HOURLY OBSERVATIONS

AIR MEATMER SERVICE/MAC

STATION NUMBER: 169530 STATION NAME: GELA 2TALY PEPIOD OF RECORD: 77-86

	R: 169530	3141301	. HAME!						MONTH:	OF RECOR		'-86 11: 0600-	-0 £CO
IRECTION DEGREESI	1 1-3 	4 -6	7-10	11-16	17-21	27-2 1	IN KNOTS 29-33	34-40	41-47	48-55	GE 56	TCTAL	HEAN WIND
N	.,	1.7	• • • • • • • •	••••••	•••••	******	• • • • • • • • •	• • • • • • •	• • • • • • • • •	••••••	•••••	2.4	4.1
RME	2.4	1.4										3.8	3.;
NE	.7	• 1										1.4	3.5
ENE	2.8	3 - 8	1.4	.7								8.7	5.5
E	.7											.7	2.5
ESE	• 2											•3	2.0
SE													
SSE													
s													
554		• 3										•3	4.[
Sh													
WS &													
		• 3	.7	• 3								1.4	9.3
un b	• 3	1.4	.3									2.1	5.1
N &	, 7	1.0	.3									2.1	4.6
NN L	. 3	. 3		. 7								1.4	8.1
	••••••					•••••		• • • • • • •		• • • • • • •			• • • • • • •
ARIABLE)												
1	// // // // // // //	,,,,,,,	1111111		,,,,,,	,,,,,,,,,		///////	////////	(1111111	""""	75.2	111111
OTALS	9.1	11.2	2.8	1.7								100.0	1 - 2

GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTIFE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY DESERVATIONS

AIR WEATHER SERVICE/HIC

STATION NUMBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD:

MONTH: SEP HOURS(LS]): D9DD-11CD WIND SPEED IN KNOTS 16 17-21 22-27 28-33 34-40 DIRECTION DIDEGREES) 1 WINC 5,5 NN E . 7 .7 3.0 NE • 3 . 7 1.0 ENE 1.7 1.0 4 **.** I 8 . 8 € . 7 .7 . 3 3.1 5.2 ESE .7 . 3 3.1 • 3 SE . 3 2.0 4 , 8 1.5 . 7 SSE 2.1 3.4 2.5 . 7 \$ 1.7 1.4 3.1 3. 1 55% 1,7 2.0 3.8 3.6 SA 1.7 3.4 1.0 • 3 6.5 5.5 . 7 1.0 . 3 .7 9.6 . 3 • 7 3.8 12.€ 6.[• 3 NN L . 3 11.5 100.0 2.5 2.4

TOTAL NUMBER OF CBSERVATIONS: 293

+

77-86

GLOBAL CLIRATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PEGIND OF RECORD: 77-86

STATION NUPPER: 164530 STATION NAME: GELA ITALY

									HONTH:	SEP	HOURSILS	11: 1200-	1400
DIRECTION (DEGREES)		4-6	7-10	11-16	uT! 17-21	10 SPEED 22-2 7	IN HNOTS 28-33		41-47	48-55	GE 56	TCTAL	MEAN WINC
N					• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • •	••••••	•••••	.3	3.[
NN E	!	- 3	. 3									.7	B . (
NE	ì		.3									•3	8.(
ENE	•	• 3	1.0	• 3								1.7	8 . €
t.		•7	1.7	• 3								2.8	7.5
FSE				• 3								.3	14.[
Sf	1	• 3		.7								1.0	10.3
SSE	•	1 • 7	.7									2.4	6.(
S	1.7	3 - 5	3.5	.7								9.3	6.7
SS L	6.5	9.0	9.7	4.5		•3						29.4	6.5
S 6	.,	2 • 1	8.0	4.5	2.1	•7	.3					18.3	11.1
WS W	.3	1 - 4	3.8	8 • 7	3.1	2 •8	.3					20.4	14.2
u	į		2.1	1.0	. 3	.7						4.2	13.5
VNS	<u> </u>		• 3									.3	٤.
N h			• 3		• 3							.7	14.0
NN u	į												
VAR IABLE	· • • • • • • • • • • • • • • • • • • •	•••••	•••••		• • • • • • •	•••••	• • • • • • • •	• • • • • • •		• • • • • • • •	•••••	• • • • • • • • •	•
	i . , , , , , , , , , , , , , , , , , , ,	,,,,,,,										7.4	(1111)
101 ALS	1 10.C	18 . 3	31.8	21.1	5.9	4 •5	.1	,,,,,,,				100.0	9.6
******	1	10.1	3100	2101	3.7	•••	• • • • • • • • • • • • • • • • • • • •						
						,							•

AD-A195 107 SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS)
(10) A F FORCE ENVIRONMENTAL TECHNICAL
(1005 CENTER SCOTT AFB IL AFR 88
F/G 4/2 2/3 UNCLASSIFIED F/G 4/2 NE.



PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUPBER	#: 164530	STATION	NAME:	BELA ITA	LY				PERJOD Month:	OF RECOR		-86 1: 1500-	1 700
*************	• • • • • • • • • •	•••••	•••••	•••••	•••••	********	IN KNOT	• • • • • •	• • • • • • • • •	••••••	••••••	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREE!)	1-3	4-6	7-10	11-16	17-21	22-21	28-33	39-90	41-47	48-55	6E 56	TCTAL B	ME A N
N	<u> </u>	••••••	.3	. 3	• • • • • • •	*****	*******	••••••	• • • • • • • •	*******	••••••	.7	11.5
NN E	İ			•3								.3	13.t
NE	!			•3								•3	12.0
ENE	į		1.0	1-0								2.1	10.5
E	į		.3	1.0								1.4	10.5
ESE	į	• 7			• 3							1.0	9.1
SE	!	-7	.3	• 3								1.4	8.7
5\$ E		1-0	1.0									2.4	6 . 3
s '	1.7	3.4	1.7	2.4								9.3	7.;
551	3.4	5.2	3.1	1.4								13.1	5.6
S %	1.4	3.1	9.7	6.6	2.8	.7						24.1	10.6
WS h		1.0	3.1	11.0	5.5	3 .8	.7					25.2	15.7
¥	į		1.4	3.1	3.4	1 -7	.3					10.0	17.2
VN L	į												
NL	į	- 3										.3	6.[
NN h	; 			.3								•3	14.0
VAR IAB LE	!	••••••	••••	••••••	• • • • • •	•••••	•••••	• • • • • •	••••••	••••••	• • • • • • •	•••••	•
CALP		,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	7.9	11111

100.0

BLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

********	••••••	••••••	••••••	••••••			IN KNOTS	• • • • • • •	•••••	••••••	••••••	•••••	• • • • • •
IRECTION DEGREESI	1-3	4 ~6	7-10		17-21	22-21	28-33	34-40				TGTAL B	ME AN Wind
, , j	. 3			.7	• • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • • •	••••••	••••••	2.1	B. i
NNE	. 3	• 7	1.0									2.1	6.;
NE		• 3										• 3	6.0
ENE	1.0	.7	.3	.1								2.8	6.5
L.	• 3	.7	.7	• 3								2.1	8.;
ESE		• 3	.3			.3						1.0	12.0
SE	• 3	•7	.7	.3								2.1	6.5
SSE	1.4		• 3	.7								2.4	6.4
s į	2.8	2-1										4.9	3.€
55 1	2.1	2 • 1	1.7	.3								6.2	5.1
S s	.7	1.0	3.1	.7								5 • 6	7.5
WS &	1-4	3.1	5.2	5.2	2.8	.3						18.1	11.0
· i	. :	3.1	2.8	e-3	2.4	.7	•3					18.1	12.5
-				. 3								-3	14.0
N.			.3	. 3								.7	9 • 0
NA L		. 3	.7	1-0								2.1	10.7
VAR IABLE 1	••••••	•••••	•••••		• • • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •
1	,,,,,,,,,,		1000000			,,,,,,,						20.0	
TOTALS	11-1	16 • 0	17.7	19-1	5•2	1.4	.3					100.0	6.6

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86 MONTH: SEP HOURS(LST): 2100-2300 WIND SPEED IN KNOTS DIRECTION ! 22-27 28-33 ME AN TOTAL 3 4.[1 - 2 1.6 . 8 NN E 1.2 .4 2.3 4 . 2 NE . 4 1.2 .4 1.9 5.6 ENE 2.7 1.9 1.2 5.1 E . 2 1.9 1.2 5.6 ESE 9.1 SE . 4 1.2 6. 1 SSE 3.0 s . 4 3.0 SSL .8 3.0 5 6 . 8 WSL ٠, ٠, .8 .8 . 8 1.2 . 8 6.[NN b VAR IABLE CALP 10.5 100.0

TOTAL NUMBER OF CBSERVATIONS:

3 ′,√

GLOBM CLIPATOLOGY BRANCH USAPETA C AIR WEATHER SERVICE/MAC

FERCENTINGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

IION NUTBER	: 164530	STATION	NAME:		_				PERIOD MONTH:	OF RECOR Sep	D: 77 HOURS(LS	-86 11: AL	L
DIRECTION LOEGREES)	1-3	4-6	7-10	11-16	WIW 17-21	22-21	TN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WINC
· · · · · · · · · · · · · · · · · · ·	••••••	.,,	.2	-1	• • • • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	••••••	••••••	1.6	5.0
MNE	. 8	.7	.3	•0								1.8	4.4
NE	•1	. •	•2	.0								.8	5.7
ENE	1.4	1.5	1.2	.6								4.7	6.7
	. e	-7	.7	• 3								2.5	6.0
ESE	• 2	• 2	.0	-1	•0	-1						-6	9.1
SE	- 3	.4	.3	• 3								1.2	6.7
SSE	.7	• 5	.3	-1								1.5	4.5
s	1.1	1.4	.7	.4								3.6	5.5
SSN	1.9	2.4	2.0			•0						7.1	6.1
sh !	.6	1.3	2.9	1.5	.7	•2	•0					7.3	9.6
NS.L	.4	1.0	1.9	3.4	1-6	1 -0	-1					9.3	13.4
w	• 2	1.0	1.3	2-5	1.0	•5	•1					6.2	12.1
un u	. 3	• 6	•5	•1								1.5	6.4
Nh.	-1	• 5	.3	•0	.0							1.0	6.4
NR 5	• 2	. 4	.1	. 3	.0							1.1	7,8
!	•• •• ••	•••••		• • • • • • •	• • • • • • •		• • • • • • • • •	• • • • • •		••••••		• • • • • • • • •	• • • • • •
VAR TABLE 	,,,,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	48.0	,,,,,,
TOT ALS	7.6	13.6	12.8	10.5	3.4	1 .8	.3					100.0	٠.٠

GLOBAL CLIPATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS AIR WEATHER SERVICE/HAC

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STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: MONTH: OCT HOURS(LST): 0000-0200 WIND SPEED IN KNOTS 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN DIRECTION | (DEGREES) | TOTAL WIND 1.9 4 . 8 . 4 1.5 1.5 NN E 1.9 3.0 . 4 NE . 4 .4 -8 6.5 4.9 1.1 9.8 5.5 ENE 3.C •4 E 4.5 2.3 1.5 ESE SE SSE 20.0 . 5 . 4 6.0 SSW . 4 10.0 . 4 5 6 . 4 3.0 WS N W 1.1 2.6 10.€ UNL 3.0 2.3 3.0 4.1 VAR TABLE 65.3 /////

TOTAL NUMBER OF CREENVATIONS:

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GLOBAL CLIPATOLOEY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTIBE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION YEARS WIND SFEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUPBER: 164530 STATION NAME: GELA ITALY

MONTH: OCT HOURS (LST): 0300-8500 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION I 7-10 48-55 MF 4 M GE 56 TCTAL (DEGREES) | WIND ١. 4.6 . ŧ 1.2 .4 2.5 NN E 2.5 1.2 .4 4.6 4 . 5 NE . 4 1.2 1.7 4 . 5 ENE 6.2 4 . 6 1.2 12.0 4.1 E 1.2 1.7 ESE SE SSE . 4 16.[s 1.2 8.(55 h 2.0 .4 WS L .8 20.0 10.8 MNL 5.8 N L 5.5 1.7 NNL VARIABLE ! CALR

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION MUPBER: 164530 STATION NAME: BELA ITALY

ION NUPBER	1: 164530	21 AT 101							PERIOD (DF PECOR		- 86 11: 0600-	0 e 0 C
IRECTION (DEGREES)	1-3	4-6	7-10	11-16	NT 17-21	22-21	IN KNOTS 28-33		41-47	48-55	G E 56	TCTAL 3	PEAN WIND
N	1.9	3.1	• • • • • • • •		•••••	******		• • • • • • •	•••••	•••••	•••••	4.4	4.2
NN E	1.7											1.7	2.6
NE	1.4	1.7	.7	. 7								4.4	5.7
ENE	3.1	4 • 8	2.7	. 3								10.9	5.2
E	1.4	3.4	1.7	.7								7.2	6.2
ESE	• 3			.7								1.0	9.0
SE													
SSE													
s													
SSW													
Sh													
wsw		. 3		• 3								.7	9.0
u j			•3	.7								1.0	10.7
-	• ?	.3	1.0									1.7	6.2
NS	.3	1.0										1.4	3.6
NN W	• 3	1.4	•3									2.0	5.0
AR IABLE	•••••••	•••••	• • • • • • •	••••••	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	••••••	~ • • • • • • •	••••••	• • • • • •
ALP	,,,,,,,,	,,,,,,,	,,,,,,,,		,,,,,,	11111111	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	63.5	11111
OTALS	10.2	16.0	6.8	3.4								100.0	۶.۵

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

STATION MUPBER: 164530 STATION MANE: GELA ITALY

									MONTH:	061	HOURS (LS	T): 0900-	1 100	
••••••		•••••	•••••	•••••	· · · · · · · · · · · · · · · · · · ·	D SPEED	IN KNOTS		•••••	• • • • • • •	*******	•••••	• • • • • • • • • • • • • • • • • • • •	•••
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL \$	PE AN Hing	
N		•••••	*****	•••••		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	.3	2•(• • • •
NN E	!	. 7										.7	4.5	
NE		. 3	1.4	. 3								2.4	7.6	
ENE	.7	2 • 1	1.4	.7								4.9	7.0	
E	1.0	4.5	1.7			•3						7.6	6.(
ESE	.3	.7										1.0	4.2	
3.6	.1	• 7	1-9	. 7								3.5	6.5	
SSE	1.7	1.4	.7									3.8	4.4	
s	.3	. 3	.3	.7								1.7	9.6	
556	į	• 3	.3									.7	6.[
Sh	į	.1										.7	5 • 0	
WSE	į	• 7	• 3	. 3	• 3							1.7	10.2	
u	1.0	2 - 1	1.4	• 3	•7							5.6	7,6	
un b	.1		1.0	1.0								2.8	9.2	
N.S.	į		.3	. 3								.7	9.5	
NN L	.3	.7										1.0	4.0	
yar 148 LE		•••••	•••••	••••••	•••••	•••••		• • • • • • •	••••••	• • • • • • •	•••••	•••••	• • • • • • • • •	• • • •
CALP	! !!!!!!!!!!	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	60.8	111111	
TOT ALS	 7.6	15 • 3	10.4	4.5	1.0	.3						100.0	2.1	
	•													

FENCENTIBLE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

77-86 PERIOD OF RECORD: MONTH: OCT HOURS(LST): 1200-1400 WIND SPEED IN KNOTS 7-21 22-27 28-33 34-40 DIRECTION | (DEGREES) | ME AN WIND 9.6 NN E 1.0 • 3 . 3 2.0 5.7 NE . 3 1.5 • 3 • 7 ENE 1.0 1.0 2.0 . 3 . 3 5.1 E .7 . 3 1. 3 • 3 ESE . 7 1.3 10.3 . 7 . 3 13.4 SΕ .7 . 7 .3 2.3 • : 4.7 6.1 55 E 1. : 2.7 s 2.7 4.0 . 7 • 3 13.7 6.) 35 W 1.7 18.1 5.4 6 . 7 5 h . 7 3.3 3.0 1.0 .3 10.7 2.3 3.7 3.7 .7 • 3 13.5 WS L • 3 5.0 . 7 2.3 1.3 8.7 14.5 . 3 2.3 1.3 1.0 7.0 . 3 . 3 WNL . NN L 14.1 VAR TABLE CALP 12.7 ///// 100.0 7.8 TOTALS

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

#EPIOD OF RECORD: 77-86
HONTH: OCT HOURS(LST): 1500-1700
WIND SPEED IN KNOTS
6 17-21 22-27 2P-33 39-90 41-47 48-55 GF 54 TOTAL STATION NUPBER: 16453C STATION NAME: GELA ITALY DIRECTION 7-10 11-16 MIND IDEGREES) ! N 1.1 10.7 NN E - 7 . 4 1.1 8.. 3 NE 7.5 ENE 2.5 . 7 4.6 7.6 1.4 £ 8.1 . 4 ESE 7.1 . 4 . 7 1.1 SE . 7 . 7 1.1 .7 .7 3.9 9.5 SSE 1.1 1.4 1.1 4.2 8.5 s 2.8 1.1 SSb 4.2 Sh 4.2 10.2 2.5 2.9 WS 1 5.7 7.1 4.9 1.1 21.2 12.5 2.5 2.8 3.5 . 7 18.0 . 7 16.6 UNL . 7 5.0 • 7 NE . 4 2.1 NN S VAR TABLE CALP 9.9 111111 TOT ALS 13.1 4.9 100.0 9.7

TOTAL NUMBER OF CHSERVATIONS: 283

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GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTIGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

77-86 STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: MONTH: OCT HOURS(LST): 1800-2000 #IND SPEED IN KNOTS
DIRECTION 1 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 IDEGREESI 1 WIND P . 5 PINE 1.0 . 7 5.8 NE • 3 . 3 1.0 4.[• 3 ENE . 7 3.4 1.0 1.4 6.6 7.2 E . 7 1.0 4.1 1.0 1.4 10.1 ESE • 3 . 7 1.0 SE • 3 1.4 2.0 4.1 10.0 SSE . 7 1.4 1.7 3.7 6.3 S 1 . C . 3 . 3 1.7 7.6 SSW 1.0 . 7 1.7 3.4 4.6 SW • 7 1.4 . 7 3.7 6.8 1.0 1.4 9.8 WSW . 7 2.4 4.4 8. 1 1.0 1.7 1.0 5.8 7.1 1.4 16.9 10.€ . 7 7.5 WNL 2 . C 3.1 . 3 6.4 N b • 3 1.0 3.(NN L VARIABLE I CALP 33.9 ///// TOTALS 100.0 5.4

TOTAL NUMBER OF CBSERVATIONS: 295

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GLOBAL CLIPATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM MOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUPBER: 16453C STATION NAME: GELA 17ALY PERIOD OF RECORD: 77-86 MONTH: OCT HOURS(LST): 2100-23C0

DIRECTION (DEGREES)		4-6	7-10	11-16	WI 17-21	ND SPEED 22-27	IN KNOTS 28-33	39-40	41-47	48-55	GE \$6	TCTAL 3	MEAN VIND
N	1,1											1.1	2.:
NNE	3.4	• 8		.4								4.5	3.7
NE	1-1	• 8	1.1									3.0	4.5
ENE	3.0	5.3	1.1	.8	.4							10.6	5.5
ε	2.6	1.5	.8									4.9	4 • [
ESE	٠.	- 8	-4			.4						1.9	9.4
SE	į		.•	. 4								.8	9.[
22€	į .•											.4	2 • €
S	i .•	• 8										1.1	3.1
55%	į .•	1.1	.4									1.9	5.4
S 6	į												
WSW	į		. 4									.4	8.(
w		. 9	1.1	1.1	.•							4.2	8.€
WNL	1.1		1.9									3.0	5.€
N L	2.3	. 8										3.0	3 . (
NN L		.4	. e									1.9	5.;
VAR 1AB LE		•••••	•••••	•••••	••••••	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
CALF		,,,,,,,	1111111		,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	57.4	,,,,,,
TOTALS	1 1 17.7	12 • 8	8.3	7.6	. 8	.4						100.0	2 • 2
												• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •

GLOBAL CLIPATOLOGY BRANCH USAFETAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

USAFETAC AIR WEATHER SERVICE/MAC

STATION NUPBER: 16953C STATION NAME: GELA ITALY PERIOD OF RECORD: MONTH: OCT HOURS(LST): ALL WIND SPEED IN KNOTS 21 22-27 28-33 39-40 DIRECTION ! 7-10 11-16 17-21 TOTAL PEAN (DEGREES) N 1.9 . 2 5 . 5 . 9 • 3 •0 . 5 2.2 NN E 1.1 • 7 .2 . 2 4.5 2.0 . 1 5 . t NE . 6 . 7 •6 7.4 5.1 ENE 2.1 3 . 1 1.7 . 4 . 1 E 5.1 .0 .0 5.0 . 3 .0 .9 8.7 5 E .6 • 5 • 2 .0 SSE . 6 .9 . 2 • 6 . 7 1.0 -0 3.5 6 . f . 4 5.5 55 6 1.6 1 . 7 1.3 .2 .0 4.9 . 3 1.2 . 9 • 2 9.1 .1 . 8 2.1 1.7 1.3 •3 •0 12.1 . 5 2.3 7.5 12.€ . 5 . 2 7.5 NN b .0 VAR TABLE CALF TOT ALS 100.0

TOTAL NUMBER OF OBSERVATIONS: 2229

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FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

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STATION NUPBER: 164530 STATION NAME: BELA ITALY PERIOD OF RECORD: MONTH: NCV HOURS (LST): DDDD-D2DD WIND SPEED IN KNOTS 17-21 22-27 28-33 ME AN DIRECTION (7-10 39-40 48-55 TETAL 4.5 2.9 1.2 1.2 • 4 3.; 7.1 NN E 1.2 - 8 2.1 3 . E NE . 4 .4 1 - 2 9.9 ENE 2.5 4.5 2.1 . 8 5.6 £ 3.3 1.2 6.2 4.4 ESE 6.[SE . 8 SSE 5 . 8 1.2 10.7 14.5 SSV .8 16.3 56 1.2 7.0 . 8 16.2 2.5 1.7 5.0 7.0 . 62.0 CALF 5.D ٠, .4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

FERRUU OF RECORD: 77-86

MONTH: NCV HOURS(LST): 0300-0500

WIND SPEED IN RNOTS
-10 11-16 17-21 22-27 28-33 39-90 91-97 48-55 GE 56 Total Mean STATION NUMBER: 164530 STATION NAME: GELA ITALY DIPECTION ! (DEGMEES) | 3.5 NN E 1.7 1.7 3.5 ME 1 . 2 - 8 ٠, ENE 1.7 6.3 2.9 5.1 E 1.7 1.3 5.1 ESE .. 6.[SE 9.6 SSE s 22.0 . 8 SSb ٠, 12.0 5 . 25.0 45 b 22.1 1.3 -7.4 9.0 . 4 6.5 VAR JAB LE CALP

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA 1TALY

PERIOD OF RECORD: 77-86
MONTH: MCV HOURS(LST): 0600-0800

							• • • • • • •			MCA	MUURSILS	11: 0000-	
IRECTION DEGREESI	1-3	4-6	7-10	11-16		10 SPEED 22-21	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	PEAN WINC
N	.7	3.0	• • • • • • •	••••••	••••••	*****	• • • • • • • •	• • • • • • •	•••••	••••••	•••••	3.7	4.2
NNE	3.1	1.5										3.0	4.4
NE	2.2	2.6	.7				.4					5.9	6.1
ENE	4.8	6.3	1.9	1.1								14.1	5.4
E		2.6	.7									4.1	5.5
ESE												.4	6.(
SE													
SSE												.4	10.0
s		.4			.4							1.1	11 - 2
SSL		.4										•7	8.(
SW	.•					.•						.7	12.!
WSL					.4			.4				.7	29.5
W	.7		1.1		1.1							3.7	12.1
WN L	.4	1.1		1.9		.•						3.7	10.2
N.	1-1	.4										1.5	3.3
NN b	1+1											1.5	4.6
VAR TABLE	••••••	•••••					• • • • • • • •			•••••	•••••	•••••	• • • • • •
CALP	1						• • • • • • •					•••	
	********								,,,,,,,,		,,,,,,,,		111111
101 M.S	13.0	18 . 5	5.6	4.4	1.9	1.1	.4	. *				100.0	3.;

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC FERCENTIBE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TION NUPBER	1 104330	2141701		-					MONTH:	DF RECORD: NCV MGU	77-86 RS(LST): 0900:	1 100
I DIPECTION I	1-3	4-6	7-10	11-16	yl: 17-21	ND SPEED	IN KNOTS			48-55	 E 56 TCTAL	PEAN
COEGREES !			-			_	-	-			1	PINC
» !	.1	. 7	•••••	.4	•••••	•••••	•••••	• • • • • •	•••••	•••••••	1.8	6.[
NUE	. 4										.•	2.0
NE	1.4	2.2	1.1								4.7	5.0
ENE	2.5	5.7	2.5	1.1							11.8	5.8
	3,9	3.2	1.1								8.2	4.0
ESE		. 7	.•								1.4	7.0
SE				. •							.7	10.0
322											.4	7.0
s		.•									.•	6.[
SSN			.7								.7	8,5
Sh !				. 4	. •						.7	16.5
WS %				.•		.7	.4				1.8	22.6
u j	.7	.7	.7	2-2	1.1	.4		.4			6.8	16.2
NN P	.7	1.4	1.1	1.1							4.3	7,8
N.	1.4	.•									1.8	3.;
NN b		. 4	.4								.1	6.5
; 	• • • • • • • • •	•••••	•••••		• • • • • •	•••••		• • • • • •	•••••	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
CALP 1												
i i							,,,,,,,,,	,,,,,,,	,,,,,,,,	1111111111	//// 53.4	/////
TOTALS !	11.8	15 - 8	8.6	6.1	1.8	1.1	.7	.*	.4		100.0	3.7

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TION NUPBER	: 164530	STATION	NAME:	GELA ITA	LY				PERIOD	OF RECOR MCY		-86 1200-	1 400
IRECTION I	1-3	4-6	7-10	11-16		0 SPEED 22-27	TH KNGTS 28-33	34-40	41-47	48-55	GE 56	TCTAL	MEAN WINC
N]	.,	-4	1.0	.7	.4	******	•••••	• • • • • • • •	•••••	••••••		3.9	9.[
MME	.4	.4										1.1	5.0
NE .			.9	.4								.7	9.6
ENE !	1.4	1.4	.7	2.1								4.6	6.6
	.7	2 • 1	1.4	.4								*.6	5.8
ESE	.4	1.1	.7									2.1	6.;
SE !		• 7	.7									1.4	6.(
SSE	2.5	1.8	1.6	1.1	•7	,4						A.2	7.5
s	1.1	1.4										2.8	5.3
556	2.5	3.9	1.4									7.8	٠, ٤
56	1.1	• 7	1.9	.7	.7	.4						5.0	9.1
WS h	. •	1.1	1.6	2.1	1.8	1 -4						R.5	13.5
		1.1	2.1	2.8	2.8	2.5	.4	.7				12.4	17-1
una 1	. •	.4	1-1	.4		.4						2.5	10• ?
NN I	.1		1.4	. •	.4	•						2.8	6.5
NN b	-		•									.7	11.0
i	•••••					•••••		• • • • • • •		. 			•
VAR TABLE	,,,,,,,,,,,	 											
CALP I	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	//////	,,,,,,,,		,,,,,,,	30.4	/////
TOTALS	12.1	16 . 3	17-4	10.6	6.7	5 •0	.4	.7				100.0	6.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION YERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

STATION NUPBER: 164530 STATION NAME: GELA ITALY

HONTH: NCY HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN DIRECTION F IDEGREES 1 7-10 HINC 11.2 2.1 NN E .4 1.1 8.1 NE .4 . 7 ٠, 1.8 7.0 ENE 1.8 1.1 . 7 4.2 7.1 £ 2.1 . . 2.5 6.(FSE 1.1 . . 1.4 6.8 SE . 4 1.1 . 4 . . SSE . 7 1.4 7.5 5.3 10.8 s 1.4 1.8 2.1 . 1 6.5 55 6 2.1 . 4 1.4 5.1 5 4 2.5 7.8 7.3 WSb 4.2 6.0 2.1 1 .4 18.4 12.1 2.1 5.3 3.2 3.5 16.6 15.1 1.4 . 7 2.1 11.5 . . .7 15.0 1.1 1.4 YAR TABLE 5.3 100.0

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SHEED FROM MOURLY OBSERVATIONS

*** *** *** :	• • • • • • • • • • • • • • • • • • • •	•••••	*****	••••••				• • • • • •	••••••	• • • • • • •	•••••	• • • • • • • • •	• • • • • • • •
IRECTION 1 DEGREES) 1	1-3	4-6	7-10			22-2 T	IN KNOTS 28-33		41-47	48-55	GE 56	TETAL	ME AN WING
, , ,	1.6	.,,	_7	••••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	••••••	2.4	5.1
MHE	1.4	. 7	.3									2.4	3.1
NE		. 3	.7									1.0	6.7
ENE	1.4	3.5	2.8	.7								8.3	6.1
E į	2.1	2 • 1	.3									4.5	3.€
ESE	• 3	1.9	. 3	• 3								2.4	6.3
SE	• 3	. 7	.3	. 3								1.7	6.8
SSE			.3									و .	7.0
s	. 2	1.4	.7	• 3								2.6	6.1
554		. 3	.7	• 3	.3							1.7	11•0
S b		• 3	.7			.3						1.4	11.6
WS b	•3	.7	1.0	.7		•3						3.1	9.6
u į	1.0	2.4	3-1	1.0		.3	1.0					9.0	10.7
VN .	.7	3 • 5	4.5	2 • 1								10.7	7.7
Nh	1.0	2 - 8	1.0	.7								5.5	5,€
NR L	1.7	1.0	1.0									3.6	4,6
VAR IABLE	• • • • • • • •	•••••		• • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••		•••••	•••••	• • • • • • • •
CALP !	,,,,,,,,,,,	////////	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,		,,,,,,,	,,,,,,,		,,,,,,,,	38.8	,,,,,,
TOTALS	11.8	21 . 4	18.7	6.6	• 3	1.0	1.0					100.0	4.4

GLOBAL CLIPATOLOGY BRANCH FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

STATION NUPBER: 169530 STATION NAME: GELA ITALY PERIOD OF RECORD: MONTH: NCV HOURS (LST): 2100-2300 WIND SPEED IN KNOTS 1-3 4-6 7-10 11-16 17-21 22-27 28-53 34-40 41-47 48-55 GE 56 TOTAL MEAN DIRECTION I IDEGREES) ! WIND 2.6 2.6 NN E 2.€ . 7 2.6 5.0 N E . 7 1.1 4.5 ENE 1.5 11.5 4.1 E 1.1 . 4 8.2 5.6 .7 3.5 ESE 2.2 6.; 18.[SSE 1.1 8. ; s 1.9 12.€ .4 . 4 55 6 . 4 3.3 . 7 12.2 Sh 1.1 .4 WSh ٠, ٠, .7 11.5 3.3 13.1 . .4 1.1 WNL 1.1 4.8 8.6 2.6 5.6 1.5 VAR JABLE 50.6 /////

TOTAL NUMBER OF GBSERVATIONS: 269

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FERCENTIAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY PEP100 OF RECORD: 77-86 MONTH: NCV HOURS (LST): ALL ALL WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION ! TETAL MEAN (DEGREES) WIND .0 6 . á .6 NNE 1.1 - 7 •2 .0 2.0 4.0 ٠, . 1 -0 2.6 5 . t NE 1 - 0 . 6 9.4 5.6 ENE 2.4 2.0 . 8 4.2 4 . 6 E . 2 1.7 2.7 .9 1.2 6.2 ESE . 1 . 7 . 2 . 1 1.2 6.7 SE - 1 SSE . 5 •0 2.0 9.; 2.1 7.6 • 5 -0 . 7 . 2 7.8 554 Sb .7 ٠, . 3 •2 •0 10.4 . 6 . 7 13.6 1.3 .5 . 1 W5 % 1.0 .1 - 1 . 8 1.3 1 .2 -3 •0 7.5 14.8 1.4 1.8 8.4 •2 4.6 .1 WNE . 6 1.4 1.3 1.0 . 3 . 1 2.4 6.6 WAR TABLE 45.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 2152

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FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA STALY PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 0000-0200 WIND SPEED IN KNOTS '-10 11-16 17-21 22-27 28-33 34-40 DIRECTION I TETAL IDEGREES) | WINE 1 - 1 NN E 2. 9 1.1 4.6 ٠.5 5.; NE . 6 .4 • 8 3.5 ENE 2 . 7 1.9 5.€ £ 3.4 4.1 2 . 7 . 8 5.5 ESE . 4 .4 .8 SE 1.1 19.7 SSE \$ 8 . 5 5 S & 5 % 10.0 20.1 45 W 2.7 19.: 1.5 3.8 7.3 WNW 1.5 . 8 5.1 -VAR TABLE CALP 50.6 ///// 101 ALS 0.001 3,5

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

STATION NUMBER	R: 164530	STATION	MAME:		L Y				PEPIOD Month:	DF RECOR		-86 T): 0300-	0 500
DIRECTION LDEGREES)		4-6	7-10	11-16	¥11 17-21	22-27	IN KNOTS 28-33	34-40	43-47	48-55	GE 56	TCTAL B	ME AN ME AN
N]	3.2	• • • • • • •	••••••	.4	•••••	••••••	•••••	•••••	• • • • • • •	•••••	7.0	7.4
NN E	2.0	1 - 2	1.2									4.5	4 . 5
NE	1.6	1 • 2	.4									3.2	4+2
ENE	3.6	2 • •	2.4									9.3	5.1
E	2.0	2.0	2.0									6.9	4.5
ESE	į												
SE	į												
55 E	.•											.4	2.0
s	Ì		.8	.4								1.2	10.5
55 b	٠٠.	. •	1.2	.4								2.4	7.8
SW	į				.4							.4	20.0
WS N	į		.4	.4	1.6							2.4	17.0
u .	.•	• •	1.6	3.2	1.6							7.3	12.4
UN S	٠٠.	1 • 2	.8	2.4								4.9	9.€
NL	į	1 - 6	1.2									2.8	6.0
NA P		2 • 0										2.8	4 + 2
VAR TABLE	· • • • • • • • • • • • • • • • • • • •	•••••	•••••	••••••	• • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	
	i <i> </i>	,,,,,,,	1111111	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,,		,,,,,,,,,			49.4	,,,,,
TOT ALS	1 13.0	14 • 2	12.1	7.3	4.0							100.0	3.8
	i	14.1	46.03	•• 3	7.0							100.0	3,0

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

STATION NUPBER: 16453C STATION NAME: GELA ITALY

N 2.4 5.1 . 3 4.8 NNE 2.1 2.7 4.(4.8 NE 1.4 1 - 7 . 7 . 3 4.1 5.1 ENE 1.7 3.8 .7 . 7 5.4 E 3.4 • 3 4 . [ESE • 3 7.1 5 \$ E 15.(. 3 . 3 55 6 . 3 8.4 . : . 7 • 3 1.7 16.; 5 6 . 7 1.0 •3 .3 WS N . 7 • 3 20 . 8 • ? 1.4 1.7 •3 • 3 13.5 -2.4 1.0 .7 9.5 1.0 6.6 5.; VAR TABLE CALP 100.0 • 3

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUPPER	8: 16453C	STATION	NAME:	GELA ITA	LY				PERIOD Month:	OF RECOR		-86 1): 0900-	1 1 1 0
DIRECTION (4 -6	7-10			ND SPEED	IN KNOTS		41-47			TCTAL	ME A N WINC
N			1.4	1.0	• • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • •	•••••	••••••		9.1
NN E	.,											.7	2.5
N E	,	1.0										1.4	3.6
ENE I	2.1	4.8	2.7	1.0								10.7	6.1
E I	3.4	3.1	.7	•••								7.2	4.[
ESE	,. .		• '										•
į		• 3										. 3	5.(
S.E.													
SSE I	! !												
s	.3	• 3	.3	• 3								1.4	1,1
55 6		- 3	.7	1.9		.3						2.7	12.4
S b			. 3	• 3	- 3							1.0	12.1
ws w				1.0	.7	.7						2.4	18.4
¥	.3	- 7	1.7	. 7	.7	.3	1-0					5.5	14.5
VNL	.3		1.0	1.0								2.4	9.6
N V	.7	3.1	.7	. 3	• 3							5.2	6.1
NN 5	1.7		.3									2.1	3.1
) • • • • • • • • • • • • • • • • • • •				• • • • • •				. 	. .	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	•
YAR TABLE) 												
CALF	,,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,,	111111	,,,,,,,	,,,,,,,	,,,,,,,	54.0	111111
TOTALS	10.0	14 - 4	10.0	7.2	2 • 1	1.4	1.0					100.0	3.6

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TATION NUPBER	: 164530	STATION	NAME:	GELA ITA	LY				PERIOD MONTH:	OF RECOR Dec	O: 77 Hours(Ls	-86 T1: 1200-	1 400
DIPECTION (OEGREES) (1-3	4-6	7-16		17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TGTAL 8	MEAN WIND
N !		•••••	-7	2.3	.3	• • • • • • • •	• • • • • • • • •		•••••		••••••	3.3	12.7
MNE	1.0	• 7		. 3								2.0	5.2
NE	. 3	• 7										1.0	4.3
ENE	2.0	1 - 7	1.0	.7								5.4	6.[
E		2.0	1.3	1.0								4.3	7.5
ESE			.7	. 3								1.0	10.0
SE	. 2	. 3	1.3	.7								2.7	8.6
SSE	1.3	1.3	1.0	.7								4.3	6.5
s	1.0	. 3										1.3	2.6
SSW	1.3	2 . 3	1.7	1.0	.7							7.0	8.(
su !	. 3	1 - 3	•3	1.0	. 3	.7						4.0	11.6
WSL	2.0	2.7	2.3	2.7	.7	.7	.3					11.4	10-1
- H .	.7	1.0	1.3	4.0	2.3	2.7	1.0					13.0	16.3
WNS		2 • 3	1.7	.7	1.0	.3	.3					6.4	11.5
N.	. 2	• 3	.7	. 3								1.7	7.8
NN Y		•7	1.0	1.0								2.7	7.6
VAR IABLE	••••••	•••••	****	••••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	••••••	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
CALH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	28.4	,,,,,,
TOTALS	10.7	17-7	15.1	16.7	5.4	4.3	1.7					100.0	7.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: HONTH: DEC HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 39-40 DIRE CTI CH TUTAL WEAN UIND 9,5 . 7 1.0 1.4 1.4 NNE . 3 . 3 . 7 5.5 ME . 3 • 7 . 3 1.0 2.4 8.1 ENE . 7 2.0 4.7 1.7 • 3 7.1 E •7 1.0 •3 2.7 . 2 • 3 10.6 ESE . 7 . 3 1.0 SE • 3 . 3 • 3 . 7 1.7 8.4 SSE 1.0 2.0 3.1 7.1 S 1.4 1.0 • 3 • 3 .3 3.4 556 1.0 • 3 6.4 1.7 . 3 3.7 7.6 2.0 1 -0 13.6 3 .4 2.0 2.0 8.5 4.1 .3 . 3 21.4 15.5 2.0 1.4 • 3 5.1 11.1 . 3 3.1 . 3 4.4 7.5 17.3 ///// 100.0

TOTAL NUMBER OF CREENATIONS:

AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION YERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: DEC HOURS(LST): 1800-2600 WIND SPEED IN ANDIS 1-16 17-21 22-27 28-33 34-40 DIRECTION ! MEAN DINE 7-10 11-16 TETAL 7,5 1.0 5.0 NN E . : 1.3 • 3 5.: 2.0 NE 1.3 1 . 3 2.7 3.5 ENE 1.0 • 7 1.0 1.0 7.4 3.7 E 1.0 1.0 • 7 • 3 3.0 6.[ESE • 7 • 3 • 3 2.3 6.5 SE • 3 • 3 1.3 7.: 5 **S** E 1.0 • 3 1.3 6.[5 . : 1.3 2.0 6.3 •7 • 3 1.7 11.6 5 % 12.0 1.0 •3 1.3 W5 % . 7 . 7 • 7 • 3 2.3 11.6 2.7 3.7 3 • 3 •3 1.3 13.6 13.1 WNL 4.0 . 3 8.7 fá N 7.6 5.3 CALP . 3 100.0

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY ORSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 2100-2360 WIND SPEED IN KNOTS 11-16 17-21 22-27 24-33 34-40 DIRE CTI CH 48-55 GE 56 TOTAL PEAN IDEGREST ! MINE ······ 5.4 NNE . 7 2.6 . 4 3.7 5.2 NE ٠, 1.5 7.1 ENE 1-1 2.2 2.6 6.3 5.: E 1.5 2.2 .7 4.8 4.8 ESE . • . 4 . 7 . 4 2.2 9.1 SE . . .7 ٠. : SSE .. . 4 .7 11.0 5 .. . 4 1.5 7.3 556 • 7 2.2 10.5 5 6 .. .7 6,5 . 4 .. . 7 . 7 12.5 2.2 . 7 1.5 2.7 1.1 10.4 13.5 1.9 .7 . 7 -. 7 • 7 1.9 . 7 4.1 7.7 . 2.6 2 - 6 . 7 1.1 7.1 5.€ NNE 1.5 VAR IABLE CALP 45.7 ///// TOT ALS 3.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

, ,*

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

TION NUPBER	164530	STATION	NAME:	GELA ITA	LY				PERIOD Month:	OF RECOR	RD: 77 HOURSILS	-86 1); AL	L
DIRECTION DIRECTION DIRECTION	1-3	4-6	7-10	11-16	#1N 17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 8	ME AN VINC
N	.7	1.2	8•		•2	.0	• • • • • • • •	• • • • • •	•••••	••••••	••••••	3.7	7.6
NME	1+2	1.2	.•	. 1								2.€	4.6
NE	. e	1.1	•2	. 3								2.4	5.4
ENE	1.5	2 • 6	1.6	.7								6.7	5.5
	2.t	2 • 2	.9	. 3		-0						5.4	5.;
ESE	• 2	• 2		-1	- 1							1.0	8.4
SE	• 2	•2	.3	•2		•0	•0					1.0	9.5
SSE	. :	. 3	.6	. 1								1.3	6.6
5		• 3		. 3		. n						1.5	7.6
SSW	.7	. 8	.9	•5	.4	-0						3.4	8.8
S N	• 2		.6	•2	.4	•2						1.9	11.2
WS h	• 3	• 0	.8	1.7	-8	•3	•2	-0	1			4.9	13.2
	. •	1.1	i.9	3 - 5	1.9	1 -1	•6		• 67			10.5	14.5
VNL	.•	1.6	1.5	1.2	. 3	•2	-0	•0	ı			5.2	9.6
N &	1.0	1 - 6	1.2	.4	•0							4.5	6.1
NN h	. 9	1.0	.7	.4								2.9	5.6
VAR IAB LE	**	•••••	****	••••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • •	••••••	•••••	*******	• • • • • • •
CALP	,,,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	11/1///	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	41-1	,,,,,
TOTALS	11.5	16 - 6	13.0	10.8	3.9	2 .0	.9	. 1	•0			100.0	5.2

GLOBAL CLIPATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED
FROM MOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY PEDIOD OF RECORD: 77-87

****	••••								MONTH:	ALL	HOURSILS	1): AL	L
IPECTION ! LOEGRES) !	1-3	4-6	7-10	11-16	17-21	22-21	IN KNOTS 2P-33	34-40	41-47	48-55	GE 56	TCTAL B	PEAN WING
N Į		. 8	.5	.3	.1	.0	•0		•••••	••••••	•••••	2.2	7.(
MNE	. t	• 6	•2	. 1	•0	.0						1.6	4.5
NE	.*	- 6	. 3	• 2	.0	•0	•0					1.5	6.3
ENE	1.4	2.0	1.4	.6	.1	•0						5.5	6.3
ı j	1.1	1.2	•7	• 3	•0	.0	-0					3.4	5.6
ESE	-1	• 3	•2	•2	.0	•0						.9	0.2
SE	• 2	. 3	.4	•2	.0	.0	•D					1.1	8.;
SSE	. 4	.6	.*	. 3	•1	.0	.0					1.8	7.5
s	. 8	1.2	.7	.•	.1	•0	•0	•0				3.2	6.7
SSI	1 - 7	1.7	1.1	.4	•1	-1	•0	•0				4.7	6.4
5 1	. 6	1.2	1.5	1.1	.4	•2	•0	•0	•0			5.0	9.6
VS 1	• !	. 9	1.7	2.4	1.5	.9	.7	•0				8.0	13.7
• !	.4	1.1	1.7	2.5	1.6	1 -2	.3	- 1	•0			8.9	14.7
WN 5	. 3	. 9	1.0	.7	•2	•1	•0	•0				3.2	9.0
	.5	.9	.5	• 2	•0	.0	-0		•0			2.1	6.;
NN L	.5	• 7	.5	. 3	•1	•0						2.0	6.5
VARIABLE !	•••••	•••••	•••••	•••••	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •
1	,,,,,,,,,,			,,,,,,,,	,,,,,,								
TOTALS	9.4												
101763	7. •	15.€	12.8	10.2	4.3	2.6	.6	-1	• D			100.0	5 - 1

TOTAL MUMPER OF ORSERVATIONS: 26497

FERCENTIBE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MCRE
AAD/OR
(EILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

1			_				TH KNOT					•••••	
DEGREES I	1-3	4 -6	7-10	11-16		22-21	28-33	34-40	41-47	48-55	GE 56	TCTAL R	ME A N WIND
۱ ۱	.2	.4		• 2		•••••		•••••	••••••	••••••	••••••	.8	6.8
NNE		. 2	•2									.4	7.0
NE	1.0	1.1	.4									2.5	5.;
ENE !	• 2	1.5	.6									2.3	5.1
ε	. 6	•6	.6									1.7	5.6
FSE			•2	.4								.6	14.0
38	• 2	•2		• 2								-6	7.6
SSE		• 6	.4	•2	•2							1.3	9.1
s	. e	2 • 1	.4	.6				•2				۰.0	7.6
122	.•	2.9	1-7									4.9	5.6
51	1.0	1.5	1.1	. 8	•2	.2						4.8	8.1
WS L	.4	1.9	1.0	2 • 3	1.7	.4	.4	• 2				8.2	13.2
	. 6	• 8	1.3	1.5	1.1	.4	.6	•2				6.5	13.6
WN b		• 2	.6	• 2								1.0	8.8
Nh i		•2	•2									.4	6.5
NN 5			• 2									•2	7.0
VARIABLE 1	••••••	•••••	•••••		• • • • • • •	•••••	• • • • • • • • •	• • • • • • •			•••••	•••••	• • • • • • • • • • • • • • • • • • • •
i	,,,,,,,,,,											40.	,,,,,,
i													
TOTALS	5.1	14 - 1	e.7	6.3	3.2	1.0	1.0	.6				100.0	3.7

RREARIER REPRESERRE RE RP FOR RP RUNGHARRE REPRESER RE RP PP RR RC RP RC RP RC RP

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VENSUS VISIBILITY SUMMARY

THIS SUMMARY IS A DIFVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "O" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", PERSUS VISIBILITY IN 16 CLASSES FROM 2000 THROUGH EQUAL TO OR GREATER THAN 10 MILES.

TATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES FOUND TO 09 GREATER THAN 10 MILES APPEAR BLAVA.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER. HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIPILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD PEDISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS APOVE SCOT FEET HERE SUPPESSED TO SUCO FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE SCOT FEET.

SKY LOVER SUMMARY

FRESENTS PERCEMIAGES OF SKY CUVER IN EITHER 19THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

CATA SUMMARIZED BY THE STANGARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND AMMUALLY CALL YEARS COMBITEDI.

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ART:

CLFAR	-	3/10
SCATTERED	-	3/10
BPOKEN	-	9/10
OVEHCAST	-	10/10
ORSCURED	-	10/10

*

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 0000-0200 VISIBILITY IN HUNDREDS OF METERS •••••• CE IL ING GT GΕ . 6Ε 6E 6 E Œ GE. 39 EE 38 GΕ GE GΕ GE E E FEET | 160 32 24 90 š0 60 48 40 20 12 1 D NO CEIL 1 39.2 67.8 68.6 69.4 69.8 69.8 69.8 65.8 69.8 69.8 A9.R 65.8 40.8 R. PA GE 2000G1 39.6 68.2 69.4 70.2 10.6 70.6 70.6 70-6 70.6 70.6 70.6 7t.6 70.6 70.6 70.6 70.6 1800C1 39.6 1600C1 39.6 68,2 69.4 70.6 70.6 10.2 70.2 70.6 70.6 70.6 70.6 70.6 70.6 7C.6 7C.6 7C.6 70.6 70.6 70.6 70.6 70.6 70.6 70.6 70.6 70.6 70.6 6E 70.6 70.6 70.6 70.6 70.6 1400C1 19.6 70 . Z 70.6 70.6 70.6 70.6 70.6 70.6 70.6 70.6 SE 1200 [40.0 70-6 69.4 71 -4 71 .0 71.8 71.8 71.8 71.8 71.8 GE 1000C! 42.7 74.5 78.0 76-1 16.9 17.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 78.0 78.0 76.0 900C1 44.3 83.1 85.5 85.5 79.2 81.2 83.1 82.4 84.7 83 - 1 85 - 5 83.1 85.5 83.1 85.5 83.1 85.5 8 2 - 1 8 5 - 5 83.5 85.9 83.5 85.9 83.5 85.9 83.1 83.1 83.5 85.5 85.5 81.2 708 CI 44.7 81.2 83.1 24.7 25.5 85.5 85.5 85.5 85.5 85.9 85.9 85.9 GE £5.5 85.5 85.5 85.5 85.9 85.9 85.9 85.9 GE GE 500C1 44.7 81.2 E4.7 E4.7 £5 .5 85-5 85.5 85.5 85.5 85.5 85.5 8:.5 85.9 85.9 85.9 85.9 450CI 44.7 81.2 63.1 83.1 25.5 25.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.9 85.9 85.5 85.5 85.5 85.5 85.5 85.9 85.9 85.9 85.9 350 CJ 44.7 300 Cl 45.5 84.7 87.5 81.2 03.1 85.9 85.9 85.9 68.6 83.5 88.2 85.9 18.2 88.2 88.2 88.2 88.2 250C| 46.3 200C| 47.8 180C| 47.8 89.0 91.4 96.9 52.9 53.7 59.6 93.7 99.6 93.7 99.6 93.7 93.7 99.6 99.6 99.6 91.7 93.7 91.7 98 - 1 04.1 94.1 94.1 GE 94.5 58.4 99.6 99.6 99.6 99•6 99•6 99•6 95.6 100.0 100.0 100.0 106.0 94.5 58.4 59.6 99.6 99.6 95.6 GE 96.9 99.6 100.0 100.0 100.0 94.5 58.9 96.9 99.6 100.0 100-0 100.0 100.0 58.4 99.6 100.0 100C| 47.8 90C| 47.8 80C| 47.8 6E 94.5 58.4 58.4 58.4 99.6 99.6 99.6 99.6 95.6 99.6 96.9 **7**6.9 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 100.0 100.0 100.0 94.5 100-0 59.6 59.6 99.6 95.6 100.0 100.0 100.0 106.0 5.0 96.9 95.6 100.0 100.0 100.0 7661 47.8 4061 47.8 94.5 96.9 99.6 6E 99.6 99.6 99.6 99.6 100.0 100.0 100.0 99.6 99.6 100.0 100-0 100.0 50C| 47.8 94.5 96.9 58.4 59 .6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 95.6 100-0 100.0 100.0 106.0 GE 9001 47-8 30C1 47.8 94.5 96.9 58.4 59.6 99.6 99.6 99.6 99.6 99.6 95.6 100.0 100.0 100.0 100.8 100-0 100.0 100.0 6E 2001 47.8 1001 47.8 94.5 58.4 99.6 59.6 99.6 99.6 99.6 100.0 100.0 99.6 95.6 100.0 100.0 94.5 96.9 98.4 100.0 120-0 G€ E1 47.8 **.5 96.9 58.4 59.4 95.6 99.6 99.6 99.6 99.6 99.6 95.6 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 255

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION MUPBER: 164530 STATION NAM													PEPIOD OF RECORD: 78-87 Month: Jan Hours(LST): 0300-0500						
												MONTH	: JIN	HOURS	(1221): (0 300 -0 5	00		
	LING	••••••		••••	•••••	• • • • • •		VISIBIL		WIND BED		1005	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••	• • •	
	N	1 6T	GE	8 £	39	GE	Œ	66	EE.	68	6E	GE	€E	GF	6E	GE	C E		
		1 160	90	80	60	18	40	32	24	20	16	12	10	€.	5	٠,	٠.۵		
_					• • • • • • •									• • • • • • •	• • • • • •				
																		• • •	
NO	CEIL	1 25.7	67.6	68.0	69.3	69.7	69.7	69.7	69.7	69.7	69 - 7	69.7	65.7	69.7	69.7	69.7	69.7		
		1 35.7	68.0	68.4	69.7	70.1	70-1	70 - 1	70.1	70.1	70.1	70.1	76.1	70.1	70.1	70 - 1	70.1		
		35.7	68.0	68.4	69.7	70 - 1	70.1	70-1	70.1	70.1	70 - 1	70.1	70.1	70.1	70.1	70-1	7 C - 1		
		25.7	68.D	68.4	69.7	70 - 1	70.1	70 - 1	7C.1	70-1	70.1	70.1	76.1	70.1	70.1	70.1	76.1		
		1 25.7	68.0	4.84	£9.7	70.1	70.1	70.1	7 C. 1	70.1	70 - 1	70.1	76.1	70.1	70.1	70-1	70.1		
G€	1 200 C	1 36-1	69.3	69.7	10.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7		
c.e	10000	1 39.8	75.8	76.6	17.9	18.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7		
GE		1 41.4	80.7						84.0	44.0	64 - C	84.0	84.0	84.0	84.D	84 . D	84.D		
6E				81.6	83.2	64.0	84.0	84.0				85.2	85.2						
		41.0	82.0	82.8		5.2	85.2	85.2	85.2	85.2	85.2			85.2	85.2	85 • 2	85.2		
6£		41.8	82.u	82.8	£4 . 4	£5 • 2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	65.2	85.2	85.2	e 5 . 2		
6E	400 C	1 41.8	82.0	82.8	£4.4	e5 . 2	85.2	85 • 2	85.2	85.2	85.2	85.2	85.2	85.2	R5+2	85 • 2	85.2		
GĒ	5000	1 41.8	82.0	82.8	£4.4	25.2	85.2	85.2	85.2	85.2	95.2	85.2	85.2	85.2	85.2	85.2	85.2		
39		1 41.8	82.D	82.8	29.4	25.2	85.2	85.2	85.2	85.2	65.2	85.2	85.2	85.2	85.2	85.2	85.2		
GE		1 41.8	82.0	82.8	84.4	£5.2	85.2	85.2	85.2	45.2	85.2	85.2	8:.2	85.2	85.2	85.2	85.2		
39		1 41.8	82.0	82.8	84 . 4	£5.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2		
GE		43.4	85.7	86.5	68 - 1	68.9	88.9	88.9	88.9	88.9	68.9	88.9	86.9	88.9	88.9	88.9	88.9		
Ű.	3000	., ,,,,	• 3 • 7	9.0 • 3	60.1	60 67	000 7	0017	04.7	40.7	0047	00.7	0607	00.7	C 0 0 7	00.7	00.7		
GE	250 C	1 44.3	90.6	91.4	93.0	53.9	93.9	93.9	93.9	93.9	93.9	93.9	91.9	93.9	93.9	93.9	93.9		
GE	200 C	1 45-1	95.9	97.1	58.8	59.6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
GÉ		1 45-1	95.9	97.1	58.8	59.6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
GE	150 E	1 45-1	95.9	97.1	98 - 8	59.6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
GE		1 45.1	95.9	97.1	58 . g	59.6	99.6	99.6	99.6	99.6	99.6	90.6	95.6	99.6	99.6	99.6	99.6		
					•												•		
GE	1000	; 45.1	95.9	97.1	58.8	59 .6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
GE	980	1 45.1	95.9	97.1	58.8	59.6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
G€	385	1 45.1	95.9	97-1	98 - 8	59.6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
GE	700	1 45.1	95.9	97.1	58 • 8	59.6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99,6		
6E	600	1 45-1	95.9	97.1	58.8	59.6	99.6	99.6	97.6	99-6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
_																			
6E		1 45-1	95.9	97.1	58 . 8	59 .6	99.6	99.6	95.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
6E		45.1	95.9	97.1	58.8	59.6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
GE		45.1	95.9	97.1	58 • 8	59 .6	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6		
G€	206	1 45.1	95.9	97.1	58.8	59.6	99-6	99.6	99.6	99-6	99.6	99.6	95.6	99.6	99.6	99.6	100.0	•	
GE		45.1	95.9	97.1	58 . 8	59.6	99.6	99.6	99.6	99.6	9.6	99.6	95-6	99.6	99.6	99.6	100.0		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME							GELA	ITAL Y					PERIOD OF RECORD: 78-87					
													HONTH			(LST):		CO
	IL ING		• • • • • •	• •• • • • •	••••	• • • • • • • •	• • • • • •	•••••	VISIBIL					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
	1N	1	GT	39	6 E	GE.	6E	GE	GE	EE	GE	6E	GE	CΕ	38	GE	GE	GE
F	EET	Ì	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	ט
••	••••	•••	*****	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • •	•••••		• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
NO	CEIL	ı	19.4	58.8	59.9	60.6	£0.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.6
GE	2000	C I	19.4	59.9	60.9	61.6	(1.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.1	62.3	62.3	62.6
GE	1800	C I	19.4	59.9	60.9	61.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
6E	1600	Cl	19.4	59.9	60.9	£1.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
GE	1400	C į	19.4	59.9	60.9	£1.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
GE	1 200	[]	19.7	61.6	65.6	£3.3	63.7	63.7	63.7	64.0	64.0	64.D	64.0	64.0	64.0	64.0	64.0	64.4
GE	1000	C I	22.5	75.1	76.1	76 . 8	77.5	77.5	17.5	71.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.2
GE	900	C I	23.5	81.7	83.7	£4 . 8	£5.5	85.5	85.5	85.8	85.8	85.8	85.8	8 8	85.8	85.8	85.8	86.2
GE	800	c i	23.9	82.4	84.4	85.5	£6 .2	86.2	86.2	86.5	86 - 5	86.5	86.5	86.5	86.5	86.5	86.5	86.9
GΕ	700	Ċ١	23.9	82.4	84 .4	e5.5	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9
G€	608	Cİ	23.9	82.4	84 .4	e5.5	£6 . 2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9
SE	500	C J	23.9	84.8	86.9	£7.9	ER . 6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	56.9	P8.9	88.9	89.3
6Ē	450	C I	23.9	84.8	86.9	87.9	£8.6	88.6	88.6	88.9	88.9	88.9	88.9	86.9	88.9	88.9	88.9	89.3
GE	400	Cl	23.9	8.49	86.9	e7.9	£8.6	88.6	88.6	88.9	88.9	48.9	88.9	88.9	88.9	68.9	9.83	89.3
6E			23.9	84.8	86 -9	87.9	£6.6	88.6	88.6	88.9	88.9	88.9	BR.9	8 . 9	88,9	88.9	88.9	89.3
€€	308	CÍ	24.2	86.2	88 -2	89.3	\$0.0	9D. D	90.0	90.3	90.3	•0 • 3	90.3	96.3	90.3	90.3	90.3	90.7
6E	250	٤١	24.9	90.3	92.4	93.4	54 . 1	94.1	94 - 1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.8
GE			25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
GE	180	CÌ	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
GE	150	cĺ	25+3	94.8	97.6	58 . 6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
GE	120	Ċİ	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
G€	100	c١	25.3	94.8	97.6	58 - 6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
6£	98	C I	25.3	94.8	97.6	58.6	\$9.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
GE	80	c I	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
GE	70	εi	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	10c.p
6E	60	cl	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
G€	50	C ł	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
6€		E J	25.3	94.8	97.6	56 - 6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7		100.0
GE	36	C I	25.3	94.8	97.6	58 - 6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	106.0
6€			25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
6E	1 C	C I	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0
€E		Cŧ	25.3	94.8	97.6	58.6	59.3	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME													PIOD OF RECORD: 78-87 DMTH: JAN HOURS(LST): 0900-1100						
	ILING			•••••		• • • • • •	•••••	VISIBIL					• • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •		•••••		
	IN I	61	6E	6 f	6E	GE	Œ	66	GE	66	6E	GE	EE	GE	GE	GE	61		
	EET I		90	80	60	48	40		24	20	16	12	10	8	5		o		
	• • • • • •			•••••	• • • • • • • • •			• • • • • • • •	••••				• • • • • • •						
					*														
NO	CEIL I	21.0	57.7	58.4	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	55.7	59.7	59.7	59.7	59.7		
- -																			
	2000 C		59.7	60.4	61.4	62.5	62.5		62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5		
	18000		59.7	60.4	61 - 4	62 .5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5		
	160001		59.7	60.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	67.5	62.5	62.5	62.5	62.5	62.5		
	140001		59.7	60.4	61.4	€2.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5		
UE	150001	22.5	60.8	61.4	62 - 8	63.8	63.8	63.8	63.8	63.8	63.8	6 * . 0	6 3 . 8	63.8	63.8	63.8	63.8		
C.F.	1000 61		70.3	71.3	13.0	14 . 1	74-1	74.1	74.1	74.1	74.3	74.1	74.1	74.1	70. 1	74	21		
6E	90001		79.5	81.6						85.0	85.D	85.0	85.0	85.0	74.1 85.0	74 - 1 85 - D	74.1		
GE	800Cl		79.5	81.6	64.0 64.0	85.0 85.0	85.0 85.0	85.G 85.G	85.0 85.0	85.0	85.0	85.0	85.0	85 • n	85.0	85.0	85.0 85.0		
6E	700 C I		79.5	81.6	£4.0							-	85.0	-	_	85.0	85.0		
66	600 C I		79.5	81.6	64.O	85.0	85.0 85.0	85.0 85.0	85.0 85.0	85.0 85.0	85.D	85.0 85.0	85.0	85.0 85.0	85.0				
υc	900 C I	45.0	77.3	81 .0	£4.U	62.0	8 24 U	85 eU	6 2 · U	63.0	00.0	0.00	8:40	00.0	85.D	85 . D	65.0		
GE	500 61	28.0	81.2	83.3	85.7	£6 . 7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7		
GΕ	45001		81.2	83.3	25.7	£6.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	66.7	86.7		
6€	40001		81.2	83.3	25.7	26.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7		
GE	35001		81.6	83.6	£6.D	£7.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	#7.D	87.0	87.0		
GE	3000		82.6	a5.0	£7.4	68.4	86.4	88.4	88.4	86.4	88.4	88.4	88.4	88.4	R8.4	88.4	6 B . 4		
		•	- 200	8,740	,		••••	••••	••••		••••	• • • • • • • • • • • • • • • • • • • •	••••			•			
GE	250 C I	29.7	89.4	91.8	54 . 2	\$5.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2		
GF	200 61		92.5	95.6	98 - 3	59.3	99.3	99.3	99.3	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.3		
GE	180 C		92.5	95.6	58.6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
G€	1566	29.7	92.5	95.6	58 . 6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
GE	12001		92.5	95.6	98.6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
						,													
GΕ	10661	29.7	92.5	95.6	58.6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
6E	9001	29.7	92.5	95.6	58.6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
GE	BOCI	29.7	92.5	95.6	58 . 6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
GE	70 C I	29.7	92.5	95.6	58.6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
GΕ	6061	29.7	92.5	95.6	58.6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
GE	50C	29.7	92.5	95.6	58.6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
GE	4861	29.7	92.5	95.6	58 - 6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7		
6E	3001	29.7	92.5	95.6	58 • 6	59.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0		
GE		29.7	92.5	95.6	58.6	59.7	99.7	99.7	95.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	106.0		
GE	1001	29.7	92.5	95.6	58.6	59.7	99.7	99.7	95.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	100.0		

TOTAL NUMBER OF GBSERVATIONS: 293

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

\$14	TION P	WYBER:	16453G	STATI	OR NAME:	GELA	I TAL Y					PER IOD	OF PEC	ORD: 78	-87		
			**									MONTH		_		1200-14	ro
	LING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	VISI61L	ITY IN	HUNDRED	S OF ME	TERS	• • • • • • •	• • • • • • •	•••••		•••••••
1	N I	61	GE	GĘ	6E	GE	Œ	GΕ	ΘE	GE	GE	GE	EE	GE	GE	GE	6 €
FE	ET	160	90	eo	60	48	4 U	32	24	20	16	17	10	8	5	4	0
NO	CEIL	28.6	54.1	55.2	55.9	56.2	56.6	56.6	56.6	56.6	56.9	56.9	56.9	57.2	57.2	57.2	57.2
G€	20000	29.7	57.6	58.6	59.3	60.D	60.3	60.3	60.3	60.3	60.7	60.7	60.7	61.0	0.13	61.0	61.0
	18000		57.9	59.0	59.7	€D.3	60.7	60.7	6C.7	60.7	61.0	61.0	61.0	61.4	61.4	61.4	61.4
	TOUCC		57.9	59.0	59.7	60.3	4C.7	60.7	6 C • 7	60.7	61.0	61.0	61.0	61.4	61.4	61.4	61.4
	14000		57.9	59.0	59.7	€D.3	60.7	60.7	66.7	60.7	61.0	61.0	61.0	61.4	61.4	61.4	61.4
G€	1 200 C	30.0	60.0	6 1 .D	61.7	£2.4	62.8	62.8	62.8	62.8	63.1	63.1	61.1	63.4	63.4	63.4	63.4
GE	10000	21.7	67.6	69.D	10.3	11.0	71.4	71.4	71.4	71.4	71.7	71.7	71.7	72.1	72.1	72.1	72.1
G€		35.2	76.9	78.6	60.0	£0.7	81.4	81.4	81.4	81.4	81.7	81.7	81.7	82.1	82.1	82.1	82.1
GE		36.2	77.9	79.7	81.0	£1.7	82.4	87.4	82.4	82.4	82.8	82.8	8 - 5 8	83.1	83.1	83.1	83.1
GE	700 E	16.2	77.9	79.7	£1.U	£1.7	82.4	82.4	82.4	82.4	82.8	82.8	82.8	83.1	83.1	83.1	83.1
GΕ	600 E I	16.7	77.9	79.7	81.0	13.7	B2.4	82.9	82.4	82.4	82.8	82.8	8 8	83.1	83.1	83-1	83.1
GE	500.01	36.2	79.0	80.7	£2.1	8.53	83.4	83.4	83.4	83.4	83.8	83.8	83.8	84.1	P4.3	84.1	84.1
6E	4500	36.2	79.0	80.7	82.1	8.53	83.4	83.4	83.4	83.4	83.8	83.8	8 2 . 8	84.1	P4.]	84.1	84.1
6E	400 C	16.2	79.3	81.6	E2 .4	23.1	83.8	83.8	83.8	83.6	84.1	84 - 1	84.1	84.5	84.5	84.5	84.5
GE	350 C	16.2	79.3	81.4	82.8	E3.4	84.1	84.1	84.1	64.1	84.5	84.5	84.5	84.8	84 - 8	84.8	84 .8
GE	300 €	37.2	F 3.8	85.9	67.6	E8 • 3	89.0	89.0	85.0	89.0	89.3	80.3	85.3	89.7	89.7	89.7	85.7
GE	25001	37.6	87.6	90.0	51.7	52.4	93.4	93.4	93.4	93.4	93.8	93.8	91.8	94.1	94.1	94.1	94.1
G€	200 (38.6	91.4	94.1	56.6	57.2	98.3	98.3	98.3	98.3	98 - 6	98.6	96.6	99.0	99.0	99.0	99.0
GE	1800	18.6	91.4	94.1	56.6	57.2	98.3	98.3	98.3	98.3	98.6	98.6	96.6	99.0	99.0	99.0	99.0
GE	150C	38.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
٥E	120 0	20.6	92.1	94 .8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
GE	1000	38.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
G€	96.61	18.6	92-1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100-0	100 • 0	106.0
GΕ	80 C	28.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
€E	70 01	28.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
GΕ	600	28.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	90.7	95.7	100.0	190.0	100.0	100.0
GΕ	50 C	38.6	92.1	94.8	57.2	\$7.9	95.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
G€	400	28.6	92-1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
6E		28.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
G€		38.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	106.0
GE	100	38.6	92.3	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7	95.7	100.0	100.0	100.0	100.0
€E	ε.	18.6	92.1	94.8	57.2	57.9	99.3	99.3	99.3	99.3	99.7	99.7				100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOLRLY OBSERVATIONS

STATION NUPRER: 16453C STATION NAME:									LY PERIOD OF RECORD: 78-87 Honth: Jan Hours(LST): 150								1500-17	00
	IL ING	•••		•••••	•••••	•••••	• ••••	•••••	VISIBIL	TTY IN	HIMDRED	S OF ME	TERS	••••	• • • • • • •	•••••	•••••	*********
	IN	1	GT	GE	GE	GE	6 E	GE	GE	Œ	GE	SE	GE	39	GE	G€	GE	Gf
	ET	i	160	90	80	60	48	40	32	24	20	16	12	10	8	5	- 4	0
		•••	****								•••••				• • • • • • •		•••••	
NO	CEIL	1	23.6	52.4	54.1	55 • 1	55 • 1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
G E	2000	r s	56.7	55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	50.9	58.9	58.9	58.9	58.9
	1800		24.7	55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	56.9	58.9	58.9	58.9	58.9
	1600			55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
	1400			55.5	57.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	56.9	58.9	58.9	58.9	58.9
	1200			56.5	58.9	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
0.				3003	3007	2,0,	., •,	7013	00.5	~ L. 3	80.03	0013	4000	0	0003	0003	0013	00.5
GE	1000	CI	29.1	67.8	70.5	71.9	71.9	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE			31.2	76.4	79.8	e1 • 2	£1.2	61.8	81.8	82.2	82.2	82.2	62.2	82.2	82.2	65.5	82.2	82.2
GĒ			31.8	77.4	80.8	£2.2	£2.2	82.9	82.9	83.2	83.2	R3.2	83.2	8 2 - 2	83.2	83.2	83.2	83.2
GE			31.8	77.4	80.8	62.2	22.2	82.9	82.9	8 3 . 2	83.2	83.2	83.2	81.2	83.2	83.2	83.2	83.2
GE			31.8	77.4	80.8	£2.2	£2.2	82.9	82.9	83.2	83.2	83.2	83.2	81.2	83.2	83.2	83.2	83.2
	400				-0.00			7207	020,				• , • •	0.42	0372	0300		
GE	500	c l	31.8	77.7	81.2	£2.5	£2.5	83.2	83.2	83.6	83.6	63.6	83.6	8 2 . 6	83.6	83.6	83.6	83.6
GE			21.8	77.7	81.2	62.5	£2.5	83.2	83.2	83.6	63.6	83.6	83.6	8 2 - 6	83.6	83.6	83.6	83.6
6E			31.8	77.7	81.2	82.5	£2.5	83.2	83.2	83.6	83.6	83.6	83.6	8 2 . 6	83.6	83.6	83.6	83.6
GE			32.2	78.1	81.5	£2.9	82.9	83.6	83.6	83.9	83.9	83.9	83.9	82.9	83.9	83.9	83.9	83.9
GĒ			32.9	80.5	83.9	66.0	£6 .D	86.6	86.6	87-0	87.0	87.0	67.0	81.0	87.0	87.0	87.0	87.0
		- •													,	•	•	
G€	250	13	23.6	86.3	90.1	52 • 1	52 - 1	92.8	92.8	93.2	93.7	93.2	93.2	91.2	93.2	93.2	93.2	93.2
GΕ	200	ci	25.3	92.1	95.9	57.9	57.9	78.6	98 - 6	99.0	99.0	99.D	99.0	95.0	99.0	99.0	99.D	99.0
39	180	Ċİ	25.3	92.1	95.9	57.9	57.9	98.6	98.6	99.0	99.0	99.0	99.8	95.0	99.0	99.0	99.0	99.0
GE	150	ci	25.3	92.5	96.2	58.3	58.6	99.3	99.3	99.7	99.7	99.7	94.7	95.7	99.7	99.7	99.7	99.7
GΕ		- :	25-3	92.8	96.6	58.6	59.0	99.7	99.7	100-0	100-0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
	•••			•												•••		
GE	100	C I	25.3	92.8	96.6	58.6	59 .B	99.7	99.7	106.0	100.0	100.0	100.0	106.0	100.0	190.0	100.0	100.0
GΕ	90	ct	25.3	92.8	96.6	58.6	59.0	99.7	99.7	100.0	100.0	100 · D	100.0	100.0	100.0	100.0	100.0	100.0
GE	80	či	25.3	92.8	96.6	58.6	59 .D	99.7	99.7	106.0	100.0	100.0	100.0	100.0	100.Õ	100.0	100.0	100.0
GÉ	70	εİ	25.3	92.8	96.6	58.6	59 .0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E			25.3	92.8	96.6	58 - 6	59.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10G.0
			-	•	•					• -								
6E	58	C I	25.3	92.8	96.6	58.6	59.0	99.7	99.7	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	4 D	εŀ	35.3	42.8	96.6	58.6	59 .D	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30	Cİ	25.3	92.8	96.6	58.6	59.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	20	cĺ	35.3	92.8	96.6	58.6	19.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0
GE			25.3	92.8	96,6	58 . 6	49.0	99.7	99.7	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
					-	-	-											
GE		εI	25.3	92.8	96.6	\$8.6	59.0	99.7	99.7	106-0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0

GLOBAL CLIPATOLOEY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR NEATHER SERVICE/HAC PERIOD OF RECORD: 78-87 MONTH: JAN HOURSILSTI: 1800-2 LOC CE IL ING VISIBILITY IN HUNDREDS OF METERS EE GE IN | FEET | 66 6E 32 160 90 80 60 48 40 24 20 16 12 10 0 NO CEIL | 21.3 54.4 55.1 55.7 56.4 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.1 57.4 59.5 59.5 SE 2000C1 22.0 56.8 58.1 18.8 59.5 59.5 59.5 59.5 59.5 59.5 59.5 55.5 59.5 59.5 59.5 58.8 58 - I 58 - I 59.5 59.5 59.5 59.5 59.5 59.5 59.5 GE 1800C1 22.0 GE 1600C1 22.0 59.5 56.8 55.5 59.5 59.5 59.5 59.5 59.5 57.4 GE 1400C1 22.0 GE 1200C1 22.0 58 .8 59.5 59.5 56.8 59.5 60.1 59.5 60.1 59.5 59.5 59.5 59.5 58-1 59.5 60.1 60.1 60-1 60.1 6E 100001 25.0 68.9 70.3 71.6 12.6 73.6 73.6 74.0 74.0 74.8 74.0 74.0 74.0 74.0 74.0 74.0 900E1 27.7 800G1 28.0 700C1 28.0 77.7 78.4 78.4 8D •1 81 •1 81 •1 81.8 62.8 82.8 8.59 8.63 8.63 83.8 83.8 84.1 85.1 84.1 85.1 84.1 85.1 84.1 85.1 84.1 85.1 84 - 1 85 - 1 84.1 95.1 84 - 1 85 - 1 84.8 84.8 85.1 85.1 GE 85.1 85.1 85.1 85.1 85.1 65.1 600C1 38.0 78.4 £2.8 E3.8 84.8 85.1 85.1 85.1 85.1 85.1 500Cl 28.0 450Cl 28.0 400Cl 28.0 350Cl 28.0 6E 80.1 E9 . 5 85.5 86.5 86.5 86.8 86.6 86.8 86.6 86.6 86.8 86.8 86.8 86.8 86.5 86.5 86.5 86.8 86.8 86.8 86.8 6E 80.1 82.8 84.5 84.5 €5.5 €5.5 86.5 84.8 86.8 86.8 86.8 GE 80.1 8 Z .8 86.5 86.8 86.8 86.8 86.8 66.5 80.1 82.8 £5.5 86.8 90.2 86.8 90.2 300C1 28.4 83.4 86.1 £7.8 68.9 89.9 89.9 90.2 90.2 9[.2 90.2 90.2 90.2 90.2 25001 28.4 20001 29.1 93.6 93.6 93.6 93.6 6E 86.5 89.2 \$1.2 \$6.3 52 • 2 57 • 3 93.2 93.6 93.6 91.6 93.6 93.6 93.2 98.6 99.0 99.3 100.0 99.0 90.0 91.2 93.9 98.6 99.0 99.7 99.0 99.0 99.0 99.0 99.0 GE GE 18DC| 29.1 91.6 94.3 94.3 56.6 57.6 99.0 99.3 99.3 99.3 95.3 99.3 99.3 99.3 99.3 150C| 29.1 120C| 29.1 91.6 57.0 58.0 100.0 106.0 100.0 10C.0 100-0 100.0 100.0 100.0 \$7.0 100.0 100.0 100.0 100.0 100.0 6E 100Cl 29-1 91.6 94.3 \$7.0 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 58.0 100.0 100-0 100 · D 100-0 6E 6E 90C| 29.1 80C| 29.1 94.3 57.0 58.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 91.6 94.3 57.0 58.D 99.7 100.0 100.0 100.0 100.0 100.0 100.0 GE GE 7GC| 29.1 6GC| 29.1 91.6 99.7 100.0 100.0 94.3 \$7.0 58.0 100.0 100.0 100.0 100-0 105.0 100.0 100.0 ** •3 100.0 57.0 58.0 100.0 100.0 100.0 100.0 106.0 50Cl 29.1 40Cl 29.1 30Cl 29.1 20El 29.1 99.7 99.7 99.7 GΕ 91-6 94.3 \$7.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 58.0 100.0 100.0 100.0 91.6 91.6 94.3 99.7 \$7.0 \$7.0 \$8.0 \$8.0 100.0 100.0 100.0 100.0 100.0 100.0 GE GE 100.0 100.0 100.0 100.0 100.0 100.0 20E 29.1 97.0 97.0 100.0 91.4 58.0 99.7 100.0 100.0 100.0 100.0 100.0 94.3 100.0 100.0 GĒ 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.1 100-0 SE C1 29.3 91.6 7.49 \$7.0 \$8.0 79.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	_				_	OR NAME:								OF REC			2100-23	leo
	LING	•••	• • • • • •	•••••	•••••	••••••	• • • • • •	*****	VISIBIL				TERS	•••••	• • • • • • •	•••••	• • • • • •	•••••••
	N	ı	61	GE	6£	39	6E	Œ	6E	EE	6E	6E	Ğ€	€E	GΕ	6£	GE	G E
FE	E I	i	160	90	60	60	48	40	32	24	20	16	12	10		5	4	0
•••	••••	•••	• • • • • •	•••••	*****	• • • • • • • •	• • • • •			• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
NO	CEIL	1	29.9	65-1	65.8	66.5	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
6F	2000	r i	41.4	66.9	67.6	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69-1	65.1	69.1	69.1	69.1	69.1
-	1 400	-		66.9	67.6	68.3	£8.7	69.1	69.1	65.1	69.1	69.1	69.1	65.1	69.1	69.1	69.1	69.1
	1600			66.9	67.6	68.3	€8.7	69.1	69.1	69.1	69.1	69.1	69.1	65.1	69.1	69.1	69.1	69 -1
			41.4	66.9	67.6	68.3	68.7	69-1	69.1	69.1	69.1	69 - 1	69.1	65.1	69.1	69.1	69.1	69.1
GE	1200	ci	42.1	68.3	69.1	69.8	70 - 1	70.5	70.5	70.5	70.5	70.5	70.5	76.5	70.5	70.5	70.5	76.5
		_							•	_	•					_		
GE	1000	£ #	46.0	75.5	77.0	78.1	78.4	78.8	78.8	78.8	79.1	79.1	79.1	75.1	79-1	79.1	79.1	79.1
ΘE	900	c I	49.6	82.4	83.8	85.3	£5 - 6	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
SE	800		50.D	83.1	84.5	£6.0	26.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	e 7 .4
eС	700		50.0	83.1	84.5	6.0	£6.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	6 DD	C }	50.0	83.1	44.5	0.03	E6.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	R7.4	87.4	87.4
GE	600	c i	50.0	83-1	84.5	26 - 0	26.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	67.4	87.4
GE			50.0	83.1	84.5	26 · D	£6.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	408		50.4	84.2	85.6	ê7.1	27.4	88.1	88.1	88-1	88.5	88.5	88.5	86.5	88.5	88.5	88.5	88.5
GE	350	Ċ i	50.4	84.2	85-6	£7.1	27.4	88.1	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	66.5
GE	300	ĊĹ	51.4	86.3	87.8	89.2	4.65	90.3	90.3	90.3	70.6	90.6	90.6	96.6	90 - 6	90.6	90.6	96.6
6£	35.0	- 1	51.6	89.9	91.4	52 - 8	53.2	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
6E			53.6	94.6	96.4	58 . 6	58.9	99.6	99.6	99.6	100.0	100.0	0.001	10(.0	100.0	100.0	100.0	100.0
GE	180			94.6	76.4	58.6	58.9	99.6	99.6	99.6	188.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
6E			53.6	94.6	96.4	58.6	58.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			53.6	94.6	96.4	58.6	58.9	99.6	77.0 77.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UL	120	٠.	- 300	7700	70.11	,,,,,	,,,,	7,00	77.00	,,,,	10040	20040	10010		100 • 0	100.0	10010	10010
GE	100	C I	53.6	94.6	96.4	48-6	58 . 9	99.6	99.6	99.6	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	90	Ci	£3.6	94.6	96.4	58.6	58.9	99.6	99-6	99.6	100.0	100.0	100.0	106.0	100-0	100-0	100.0	100.0
GE	80	C i	53.6	94.6	76-4	58 . 6	58.9	99.6	99.6	99.6	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
€E	70	C I	53.6	94.6	96.4	58.6	58.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	60	C I	53.6	94.6	96-4	58 - 6	58 - 9	99.6	99.6	99.6	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	50	c I	53.6	94.6	96.4	58.6	58.9	99-6	99.6	79-6	100.0	100.0	100.0	100-0	100.0	100-0	100.0	100.0
SΕ			53.6	94.6	75.4	98 - 6	58.9	99.6	77.6	99.6	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100 •0
6E			53.6	94.6	76.4	98.6	58.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
39		či		99.6	96.4	50.6	58.9	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		č i		74.6	76.4	58-6	18 . 7	99.4	99.6	99.6	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E		ct	53.6	94.6	76.4	50.6	58.9	79.6	99.6	99-6	100.0	100.0	100.0	100.0	100-0	100-0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

ST	ATION N	UPBER:	16453C	STATI	ON NAME:	GELA	ITALY					PERIOD OF RECORD: 76-87 MONTH: JAN MOURS(LST): ALL							
				-	-										-	ALL			
	il ing	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••	VISIBIL				******	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•• • • • • • • •		
	IN I	GT	6E	6 E	GE	6E	Œ	412181F	6E	#₩₩₩₽₽: GE	SE GE	GE	33	G€	GE	GE	6 E		
	E T	160	90	90	60	48	40	32	24	20	16	12	10	9.	5		0.0		
			• • • • • • •			• • • • •	•••••		• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •		• • • • • •		•••••		
	•••														• • • • •				
NO	CEIL !	28.3	59.4	60.3	£1.1	£1.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9		
GΕ	2000 C I	29.0	61.3	62.3	63.1	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0		
ĞĒ	100001	29.0	61.3	62.3	63.2	63.7	63.9	63.9	63.9	63.9	64 . D	64.0	64.0	64.0	64.0	64.0	64 .1		
GΕ	16000	29.0	61.3	62.3	63.2	63.7	6 3. 9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.D	69.0	64.1		
ΘE	140001	29.0	61.3	62.3	£3.2	€3.7	63.9	63.9	63.9	63.9	64.D	64.0	64.0	64.0	64.0	64.0	64.1		
GE	150001	29.3	62.6	63.7	64 . 6	£5 . 1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5		
6E	1 000 C I	32.3	71.8	73.2	74.4	75.1	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7		
6E	900 C	24.7	79.3	81.3	82.8	23.5	83.8	83.8	84.0	84.0	84 . D	84.0	B 4 . D	84.1	84.1	64.1	84.2		
6E	800 C		80.2	82.2	43.6	4.43	84.8	84 - 8	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2		
6E	70061	15.2	80.2	82-2	E3.8	£4 .4	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2		
39	600 C I	15.2	86.2	85.5	63.8	E4 .4	84.8	84.8	85.0	65 . Q	85.1	85.1	85.1	85.2	85.2	85.2	85.2		
G€	500 C l	25.2	81.1	83-1	84.7	£5.4	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86. i	86.1	86.1		
6E	450 C	15.2	81.1	83.1	84.7	65.4	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1		
6 E	400 61	35.2	81.3	83.3	24.9	85 .6	86.0	86 . D	86-1	86-1	86.2	86.2	86.2	86.3	86.3	86.3	86.3		
6E	350C	25.3	81.4	83.5	25.0	E5.7	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.5		
GE	300 C (26.1	84.0	86.1	e7.8	£9.5	88.9	88.9	89.0	89.1	89.1	89.1	85.1	89.2	89-2	89.2	89.3		
GE	250 C i	26.7	88.6	90.9	92.7	53.3	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94 . 1	94.1		
GĒ		37.6	93.3	95.9	57.9	58.6	99-1	99.1	99.2	99.3	99.3	99.3	95.3	99.4	99.4	99.4	99.5		
GE		27.6	93.3	95.9	58.0	58.7	99.2	99.2	99.3	99.4	99.4	99.4	95.4	99.5	99.5	99.5	99.6		
GE		37.6	93.5	96.1	58.2	58.9	99.5	99.5	99.6	99.7	99.7	99.7	95.7	99.8	99.8	99.8	99.9		
6E	120 C	27.6	93-5	96 -1	58.2	59.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	99.9		
GE	100 €1	37.6	93.5	96.1	98.2	59 • D	99-6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	99.9		
ĞΕ̈́		17.6	93.5	96.1	58.2	59.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	99.9		
GΕ		27.6	93.5	76.1	58.2	\$9.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	99.9		
6E		27.6	93.5	96 -1	58.2	59.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9		
6E		27.6	93.5	96 -1	58.2	\$9.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	99.9		
GĒ	sori	37.6	93.5	96.1	58.2	\$9 aD	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	99.9		
GE		27.6	93.5	96.1	58.2	59.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	99.9		
GE		27.6	93.5	96.1	58.2	\$9.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	100.0		
GE		37.6	93.5	96.1	98.2	59.0	99.6	99.6	99.7	99.7	77.8	99.8	95.8	99.9	99.9	99.9	100.0		
GE		27.6	93.5	96.1	58.2	59.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	100.0		
GE	ci	37.6	93.5	96.1	58.2	59.0	99.6	99.6	99.7	99.7	99.8	99.8	95.8	99.9	99.9	99.9	100.0		
	-		• • • • • • •		•••••	• • • • •	•••••		•••••							-	•••••		

GLOBAL CLIPATOLOEY BRANCH USAFETA C

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87 STATION NUPBER: 16453C STATION NAME: GELA ITALY HONTH: FEE HOURS(LST): 0000-0100 CEILING | 61 VISIBILITY IN HUNDREDS OF METERS
GE GE EE GE EE GE GE G GE 6 E 6E EE GΕ Gξ G E 32 FEET 160 24 10 90 20 16 12 8 60 60 48 40 5 0 NO CEIL 1 22.8 62.2 63.5 66.8 66.8 66.8 66.8 £5.1 66.4 66.8 66.8 66.8 66.4 66.4 6E 2000C1 32.8 64.7 64.7 €7.6 67.6 68.0 68.0 68.0 68.0 6 E . O 68.0 68.0 68.0 63.1 66.4 66.4 67.6 GE 1800 C1 32.8 63.1 £7.6 67.6 67.6 68.0 68.0 68.0 66.0 68.0 68.0 68.0 68.0 68.0 63.1 64.7 68.0 GE 1600C1 32.8 66 . 4 67.6 67.6 68.0 68.0 68.0 68.0 68.0 68.0 67.6 66.0 68.0 68.0 68.0 68.0 SE 120DC1 12.8 63.5 65.1 £6.8 68.0 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5 GE 1000 CL 34.9 68.9 71.0 73.4 74 - 7 74.7 74.7 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 85.1 85.5 90001 26.1 80001 26.1 70001 26.1 77.6 80 -1 80 -5 83.4 83.8 84 .6 85 .1 65.I 85.1 85.5 85.1 85.5 85.1 85.1 85.1 85.5 GE 84.6 84.6 85.I 85.5 6Ē 78.0 85.1 85.1 85.5 85.5 85.5 ***5.5** 78.0 £5.1 85.1 85.1 85.5 85.5 85.5 85.5 85.5 85.5 85.5 GΕ 80.5 83.8 85.1 85.5 85.5 85.5 78.U 78.0 85.5 500cl 26.1 80.5 £3.8 25 . 1 85.1 450C1 36-1 400C1 36-1 80.5 80.5 €3.8 €3.8 ₹5.1 ₹5.1 85.1 85.1 85.1 85.1 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 GΕ 85.5 78.0 350C| 26.1 300C| 26.9 78.0 80.5 63.8 e5 . 1 85.1 85.5 85.5 85.5 85.5 85.5 85.5 85.5 81.7 E8 .8 89.2 27.6 88.8 89.2 89.2 6E 250 Cl 27.3 86.3 52.5 57.9 57.9 53.8 59.2 59.2 94.2 88 .8 93.8 93.8 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94 .2 92.9 99.2 99.6 99.6 99.6 99.6 20001 18.6 18001 18.6 89.2 99.2 99.6 99.6 99.6 99.6 GE GE 99.6 99.6 95.6 28.6 89.2 57.9 59.2 99.6 99.6 15001 99.6 99.6 99.6 120C| 38.6 GE 89.2 59.2 99.2 99.2 99.6 99.6 59.2 99.2 99.2 99.2 6E Innel 38.6 89.2 92.9 57.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE GE 90C1 28.6 80C1 28.6 89.2 92.9 92.9 57.9 57.9 59.2 59.2 99.2 99.2 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100.0 101.0 100.0 100.0 100.0 100.0 107.0 70C 28.6 89.2 89.2 99.2 100.0 GE 92.9 57.9 59.2 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 GE 60C| 18.6 92.9 99.2 99.6 100.0 100.0 100.0 100.0 59.2 100.0 99.2 99.2 99.2 GE 50Cl 38.6 89.2 92.9 59.2 100.0 57.9 99.2 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100-0 GE GE 40C1 18.6 30C1 28.6 92.9 57.9 57.9 59.2 99.2 99.6 100.0 100.0 89.2 100.0 100.0 100.0 100.0 100.0 89.2 100.0 100.0 100-0 100.0 92.9 100.0 99.2 100.0 100.0 6E 1001 38.6 89.2 57.9 59.2 99.2 99.2 4.00 99.6 100.0 100.0 101.0 100.0 100-0 100.0 100.0 GΕ EL 28.6 89.2 92.9 \$7.9 59.2 95.2 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF CBSERVATIONS: 241

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

STATION NUPPER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: FEB HOURS(LST): 0300-0500 CE IL ING VISIBILITY IN HUNDREDS OF METERS IN | GI FEET | 160 Œ GE . 6 E GE GE GE EF GE 5 GE 90 80 60 48 40 32 24 20 16 12 10 *********************** NO CEIL 1 32.0 64.0 66.2 66.2 66.2 66.2 66.Z 66.2 66.2 66.2 66.2 66.2 66.2 66.2 67.1 6E 20000| 12.0 64.B 65.3 66 - 7 66.7 66.7 66.7 66-7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 67.6 GE 1800E1 12.0 GE 160001 32.0 65.3 65.3 65.8 66.7 64.0 £6.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 67.6 67.6 66.7 66.7 66.7 64.0 64.0 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 1400C| 32.0 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 66.7 67.6 GE 120001 12.0 68.0 GE 1000 CI 15.6 71.2 73.0 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 74.3 75.2 87.4 84.2 84.2 900C1 26.9 800C1 37.4 77.9 79.7 81.1 82.9 82 .4 84 .2 82.4 84.2 82.4 82.4 82.4 84.2 87.4 82.9 82.9 82.9 84.7 GΕ 82.4 82.9 83.8 84 .2 84 .2 GΕ 7mm 61 37.4 79.7 82.9 E4 . 2 84.2 84.2 84.2 60001 37.4 82.9 24.2 14.2 84.2 84.2 84.2 84.2 84.2 84.7 84.7 84.7 84.7 500cl 27.4 79.7 79.7 82.9 24 -2 84 .2 84.2 84 . 2 84.2 84.2 84 • 2 84 • 2 84.7 84.7 84.2 84.7 84.7 84.7 84.7 85.6 GE 82.9 €4.2 €4.2 84.2 84.2 84.2 450E1 27.4 £4.2 84.2 84.2 84.2 84.2 84.7 84.7 85.6 400C1 37.4 GE 79.7 84 . 2 84.2 84.2 84.2 84.2 84.2 84.7 84.7 84.7 84.7 85.6 350C1 27.4 79.7 82.9 84.2 84.7 84.7 84.7 84.7 85.6 300 CT 28.3 82.0 85.1 26.5 £6.5 86.5 86.5 66.5 86.5 87.8 6E 250C1 28.7 89.6 85.6 51.9 92.3 92.3 52.3 92.3 92.3 92.3 92.3 92.8 92.8 92.8 92.8 93,7 GE 200 61 40-1 90.1 94.6 57.7 58.2 98.2 98.2 98.6 98.6 98.6 98.2 98.2 98.2 98.6 95.5 GE GE 10001 40.1 90.1 94.6 \$7.7 \$7.7 58.2 58.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98 • 2 98 • 2 98.6 95.1 95.1 98.6 98.6 98.6 150C| 40.1 120C| 40.1 90.1 99.1 99.1 99.1 100.0 10C .0 94.6 94.6 94.6 98.2 98.2 98.2 GE 10001 40.1 96.1 57.7 58.2 98.2 98.2 98.2 98.2 98.2 08.2 98.2 99.1 99.1 95.1 99.1 100.0 9001 40.1 8001 40.1 58.2 58.2 98.2 98.2 98.2 98 • 2 98 • 2 98.2 98.2 95.1 99.1 99.1 99.1 G€ 90.1 57.7 GĒ 96.1 57.7 100 D 6E 6E 90.1 90.1 94.6 70CL 40-1 58 .2 98.2 98.2 98.2 98.2 57.7 58.2 98.2 98.2 98.2 98.2 100.0 50 C I 40.1 94.6 57.7 98.2 98.2 98.2 98.2 98.2 90.1 58.2 98.2 98.2 98.2 98.2 96.1 99.1 99.1 99.1 100.0 98.2 GE GE 40C| 40.1 30C| 40.1 94.6 \$7.7 \$7.7 98.2 58.2 58.2 98.2 98.2 99.1 99.1 99.1 99.1 99.1 95.1 95.1 100.0 99.1 90-1 98.2 98.2 99.1 100.0 94.6 98.2 9C.1 58.2 98.2 98.2 98.2 98.2 98.2 95.1 99.1 99.1 100.0 1001 40.1 98.2 E1 40.1 G.E 90.1 94.6 57.7 58.2 98.2 98.2 98.2 98.2 98.2 99.1 99.1 100.0 ************************

FOTAL NUMBER OF COSERVATIONS: 222

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GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87 STATION NUPBER: 16453C STATION NAME: GELA ITALY MONTH: FEP HOURS(LST): 0600-0600 VISIBILITY IN HUNDREDS OF METERS CE IL ING 6E 24 1 61 GΕ 6£ 38 6 E Œ 6€ 6E GE EΕ G£ GΕ G£ FEET I 20 5 0 52 16 12 160 90 æΩ 60 48 40 10 NO CEIL | 20.3 53.3 55.2 **55.6** 56.7 56.7 56.7 56.7 57.1 57.1 57.1 51.1 57.1 57.5 GE 2006 C1 20.3 54.0 55.9 56 • 7 56 • 7 56 • 7 57.5 57.5 57.5 57.5 57.9 58.2 GE 1800C1 20.3 54.D 56.3 57.9 57.9 57.9 57.9 57.9 57.9 58.2 58.2 58.2 58.2 58.2 58.2 58.6 58.6 58.6 59.0 59.0 1600C| 20.3 58.2 58.2 58.2 GE 54.0 56.3 \$8.6 1400C| 20.3 56.7 58.2 54.2 58.2 57.9 59.4 GE 12006 20.3 59.0 59.8 59.8 59.8 55.8 59.8 60.2 60.2 60.5 GE 1000CF 21.5 65.1 67.8 68.6 69.7 7C-1 70-1 70.1 70.5 70.5 70.5 7(.5 70.5 70.9 70.9 71.3 83.9 85.1 90001 23.0 80001 23.4 84.7 85.8 GE 75.9 76.6 80.8 £3.5 83.9 83.9 84.3 84.3 84.3 84.3 £2.4 84.3 84.7 85.1 81.6 85.4 GF £4 . 7 85.1 85.1 45.4 85.4 85.4 85.4 85.8 86.2 76.6 84 .7 84 .7 85 - 1 85 - 1 85.4 85.4 85.4 85.8 85.8 GE 700C1 23.9 83.5 85.1 85.1 85.4 85.4 86.2 87.4 GE 500C1 23.4 78.9 83.9 67.0 87.4 87.7 87.7 87.7 87.7 87.7 88.1 88.5 85.8 88.1 GE GE 450C1 23.4 400C1 23.4 78.9 78.9 83.9 £7.0 87.4 87.4 87.4 87.7 87.7 87.7 87.7 87.7 88.1 88.5 85 - 8 85 - 8 87.7 88.1 88.1 GE GE 350C1 23.4 300C1 23.4 78.9 83.9 87.4 87.4 87.7 87.7 87.7 R 7.7 87.7 88.1 88.1 88.5 88.5 88.5 88.9 47.0 88.9 ... 89.3 89.3 89.7 250C1 23.8 68 95.4 95.4 85.8 91.2 93.5 54 .6 95.0 95.0 95.0 95.4 95.4 95.4 95.8 95.8 96.2 200C| 24.5 180C| 24.5 150C| 24.5 57.3 57.3 98.5 98.5 98.1 98.1 98.1 88.1 \$6.2 \$6.2 \$6.2 98.5 98.5 98.5 98.9 98. l 98. l 98.1 93.9 98.1 98·5 98·5 98.5 98.5 98.5 98.9 98.9 99.7 GE 88.1 98.1 99.2 6E 120C| 24.5 88.1 93.9 \$7.3 98.1 98.1 98.1 98.5 98.5 98.5 99.2 99.6 100CF 24.5 56.2 6E 88.1 93.9 57.3 98-1 98 - 1 98.1 98.5 98.5 98.5 91.9 98.9 99.2 99.2 99.6 09.6 90C1 24.5 93.9 \$7.3 \$7.3 GE 56 • 2 56 • 2 98.1 96.1 98.1 98.1 98-1 98-1 98.5 98.5 98.9 98.9 99.2 99.2 88.1 98.5 99.2 99.2 99.6 G€ 7001 24.5 6001 24.5 88.1 93.9 56.2 57.3 98.1 1.39 98.1 98.5 98.5 98.5 98.9 98.9 99.2 99.2 99.6 99.2 99.6 93.9 98.1 98.1 GE 50C1 24.5 88-1 93.9 57.3 98.1 98.5 98.5 98.5 98.9 98.9 99.2 99.2 99.6 \$6.2 98.1 98 - 1 6E 40C| 24.5 30C| 24.5 93.9 57.3 57.3 98.1 98.1 98.5 98.5 98.5 98.9 99.2 99.6 88.1 56.2 98.1 98.9 99.2 88.1 \$6.2 98.1 99.2 98.9 99.6 2001 24.5 1001 24.5 57.3 98.1 98.1 6E 98.1 98.1 98.5 98.5 98.9 99.2 GΣ [1 24.9 88.5 94.3 56.6 57.7 98.5 98.5 98.5 98.9 98.9 98.9 95.2 99.2 99.6 99.6 100.0

TOTAL NUMBER OF CBSERVATIONS: 261

PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUPBER: 16453C STATION NAME: GELA ITALY

31.		MOTOL .	194336	3		966.	2					MONTH		WO. 10				
												HUNIH	: FEB	MOUK 2	(LS1):	4400-11	80	
		••••••	• • • • • • •	•••••	• • • • • • • •	• •• • • •	•••••			HUNDRED			•••••	• • • • • • •	• • • • • • •	• • • • • • •		• • •
	LING																	
	IN	1 67	6E	6 E	6€	GE	Œ	6£	GE .	6 E	GE	GE	EE	GE _	GE	GE	Ģŧ	
7 6	E 1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	G	
•••	••••	*** *** * *		•••••	• • • • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • • • •	******	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	******	• • •
NO	CEIL	1 24.2	54.9	56.8	58 - 3	58.3	58.7	58.7	54.7	58.7	58.7	58.7	5€.7	58.7	58.7	58.7	58.7	
GE	20000	1 24.2	57.2	59.1	60 - 6	10.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
	18000		57.2	59.1	€0.6	60.6	61.4	61.4	61.4	61-4	61.4	61.4	61.4	61.4	61-4	61.4	61.4	
		1 29.2	57.2	59.1	60.6	€D •6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
6E	14000	1 24.2	57.2	59.1	£0,6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
6E	12000	1 24.6	59.1	62.1	63.6	63.6	64.4	64.4	64.4	64.4	64 . 4	64.4	64.4	64.4	64.4	64.4	64.4	
GE	10000	1 24.6	63.6	68.2	70.1	10 - 1	70.8	70.8	70.8	70.8	70.8	70.8	76.8	70.8	70.8	70.8	70.8	
GE	9000	1 26.5	75.0	79.9	83.0	83.0	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
6E	8000	1 26.5	75.8	80.7	84.1	64 -1	84.8	64 - 8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
38	7000	26.5	75.8	80.7	64.1	64 . 1	84.8	84.8	85.2	85.2	£5.2	85.2	85.2	85.2	R5.2	85.2	85.2	
6£		1 24.5	75.8	80.7	64.1	64 . 1	84.8	84 . 8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	٠
												• •-	****					
Gε	500.0	1 26.5	76.5	81.4	64.8	£4 . 8	85.6	85.6	86.D	86.0	86.0	86.0	86.0	86.0	86.0	86 . C	86.0	
GE		1 26.5	76.5	81.4	£4 • 8	64 . 8	85.6	85.6	86.0	86.0	86.D	86.0	86.0	86.0	86.0	86.0	86.0	
GE		26.5	76.5	81.4	64.8	64.8	85.6	85.6	86.0	66.0	86.0	86.0	86.8	86.0	86.0	86.D	86 .D	
6E	3500		76.5	81.4	64.8	8.03	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
6E	3000		80.7	86.0	50.2	50.2	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
O.	3001			60.0	70 • 2	10.02	700 7	70.7	7163	71.03	71.03	71.3	7 1 . 3	41.0	71.5	71.03	71.13	
GE	2501	1 28.8	86.7	92.4	57.0	\$7 .D	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE	2666		87.9	93.6	58.1	58.1			99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6	
G€	1800						98-9	98 • 9			99.6	99.6	95.6	99.6	99.6	99.6	99.6	
GE			87.9	93.6	58.1	58 - 1	98.9	98.9	99.6	99.6								
		29.2	87.9	93.6	58.1	58 - 1	98.9	98.9	99.6	99.6	99.6	99.6	95.6	99-6	99.6	99.6	99.6	
GE	1200	1 29.2	87.9	93.6	58.1	58.1	98.9	98.9	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6	
eE		29.2	87.9	93.6	58.1	58 - 1	98.9	98.9	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	95.6	
60		29.2	87.9	93-6	58.1	58.1	98.9	98.9	99-6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6	
GE		29.2	87.9	93.6	58.1	58 - 1	98.9	98.9	99.6	99.6	99.6	99.6	95-6	99.6	99.6	99.6	99.6	
ΘE	700		87.9	93.6	58.1	58 - 1	98.9	98.9	95.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6	
38	600	1 29.2	87.9	93.6	58.1	58.1	98.9	98.9	99.6	99.6	99.6	90.6	95.6	99.6	99.6	90.6	99.6	
ēΕ		29.2	87.9	93.6	58.1	58.1	98.9	98 - 9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE		29.2	87.9	93.6	58.1	58.1	98.9	98.9	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6	
GE		29.2	87.9	93.6	58.1	58.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
6E		1 29.2	87.9	93-6	58.1	58 . 1	98.9	98.9	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6	
€E	100	1 29.2	87.9	93.6	58.1	58 - 1	98.9	98.9	99.6	99.6	99.6	90.6	95.6	99.6	99.6	99.6	99.6	
38		1 29.2	87.9	93.6	58.1	58.1	98.9	98.9	99.6	99.6	99-6	99.6	95.6	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF CBSERVATIONS: 264

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOURLY OBSERVATIONS

STA	TION	N	UPBER:	16453C	STATI	SHAN 40	GELA	ITALY					PERIOD	OF PEC	ORD: 78	-87		
•				••									MONTH	: FEB	HOURS	(LST):	1200-14	CO
			• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	*****		••••••	*****			•••••	• • • • • • •	• • • • • • •	• • • • • •	••••
	LING	٠.	GŤ	6 E	39	6E	GΕ	GE	9E AISIRIF	EE IN	GE GE	S OF ME	GE	EE	GE	GE	GE	6 €
	N E T	i	160	90		60	48	4 D	32	24	20	16	12	10	8	υ _ξ 5	4	0.0
		-			80	80					_		_					
•••	••••	•	• • • • • •	• •• • • •													•••••	
NO	CEIL		24.7	52.8	54.3	55.1	55.1	55.1	55.1	55-1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
								•										
6E	2000	136	24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	56.1	58.1	58.1	58 - 1	58.1
GE	1800	C	24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58 • 1	58.1
			24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
6E	1400	Ci	24.7	55.1	56.9	57.7	57.7	57.7	57.7	57.7	57.7	58 • 1	58.1	58.1	58.1	58.1	58.1	58.1
GΕ	1200	130	25.1	57.7	59.9	€0.7	£0.7	60.7	60.7	66.7	60.7	61.0	61.0	61.0	61.0	61.0	61.D	61.0
GE			27.3	67.0	70.0	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5
6E			30.0	78.3	81.3	£2 • 4	E2 •4	82.4	82.4	82.4	82.4	82.8	82.8	82.8	82 - 8	82.8	62.8	82.8
6E			30.7	79.4	82.4	£3.5	£3.5	83.5	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84 - 3	84.3
6E			20.7	79.4	82.4	£3.5	63.5	83.5	83.5	8 3.9	83.9	84.3	84.3	84.3	84.3	84.3	64.3	84.3
ĢΕ	600	C	20.7	79.4	82.4	83.5	£3.5	8 3. 5	83.5	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GΕ	500	131	10.7	79.a	82.8	83.9	£3.9	83.9	83.9	84.3	84.3	R4 . 6	84.6	84.6	84.6	84.6	84.6	84.6
GΕ			30.7	79.8	82.8	83.9	83.9	83.9	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE			20.7	79.8	82.8	£3.9	£3.9	83.9	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE			30.7	1.08	83.1	24 . 6	84.6	84.6	84.6	85.0	85.0	85.4	8 4	B 5 . 4	85.4	85.4	65.4	85.4
GE			31.8	82.0	85.4	e7.3	£7.3	87.3	87.3	87.6	87.6	88.0	88.0	0.90	88.0	68.0	88.0	0.89
6E			33.0	89.5	92.9	54.8	54 . B	95-1	95.1	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
6E			34 - 1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€			34.1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	106.0	100.0	100.0	100.0	100.0
GE			24 • 1	93.3	96 .6	58.9	58.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	120	10	34.1	93.3	96 •6	58 - 9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	106.0
6E	100		34.1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E			24.1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			34.1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0		100.0	100.0	100.0	100.0
GE			34-1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			24.1	93.3	96.6	58.9	58 • 9	99.3	99.3	99.6	99.6	100-0	100.0	100.0	100.0	100.0	100.0	100.0
		•					,,,,		,,,,			-1,5-0					•	•
GE	50	ct	24 - 1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100-0	100.0	100.0
G€	40	13	24 - 1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E			34.1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0		100.0	100.0	100.0	100.0
GE			34.1	93.3	96.6	58 - 9	58.9	99.3	99.3	99.6	99.6	100 - 0	100.0	100.0	100.0	100.0	100.0	106.0
6E	10	CI	24 - 1	93.3	96.6	58.9	58.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
- -		- 1				<i></i> -										100 0	100 0	100.0
6E		-	24.1	93.3	96-6	58.9	58.9	99.3	99.3	99.6	99.6			100.0			100.0	
•••	• • • •	•••		• • • • • • •	• • • • • • •					•••••	*****	• • • • • • •	*****				• • • • • •	••••

TOTAL NUMBER OF COSERVATIONS: 267

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSELY OBSERVATIONS

514	1 1 1 0 K	ML	PBER :	164530	STATIO	DA NAME:	GEL A	ITALY					PER100	OF REC	ORD: 78	-87		
														: FEB		(L\$T):	1500-11	00
	L ING		•••••	• • • • • • •		••••••	• • • • •	•••••	VISTBIL	IIV IN	NUNDRED	S OF ME	TERS	******	• • • • • •	•••••	•••••	•••••••
i	IN	1	G I	66	6 E	6E	GE	6E	68	33	GE	38	38	EE	GE	ΘĘ	6£	GE
	E 1	1	160	90	90	60	48	40	32	24	20	16	12	10		5	4	0
												•••						
NO	CEIL	•	23.1	53.7	54.9	55.2	£5 .2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
	2000			57.5	59.0	59.3	19.3	59.7	59.7	59.7	59.7	59.7	59.7	55.7	59.7	59.7	59.7	59.7
	1400			57.5	59.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	55.7	59.7	59.7	59.7	59.7
	1600			57.5	59.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	55.7	59.7	59.7	59.7	59.7
	1400			57.5	59.0	59.3	59.3	59. 7	59.7	59.7	59.7	59.7	59.7	55.7	59.7	59.7	59.7	59.7
ĢΕ	1200	G į	24.3	58.6	€ □ • J	60.4	£8 .4	6 D. 6	60.8	65.8	60.8	60.8	60 -8	6.39	60.8	60.8	60.8	60.8
GE	1000	C Į	29.5	70-1	71.6	72 . 4	12.8	73.1	73.1	73.1	73.1	73.1	73.1	72.1	73.1	73.1	73.1	73.1
GE	988	CÍ	12.5	81.0	83.2	E4 • 3	65.1	85.4	85.4	85.4	85.4	85.4	85.4	8 5 . 4	85.4	25.4	85.4	85.4
GE	806	C I	12.5	81.7	84.0	85.1	8.23	86.2	86 - 2	86.2	86.2	96.2	86.7	86.2	86.2	86.2	86.2	86.2
GE	700	c I	32.5	81.7	84-0	£5 - 1	8.29	86.2	86.2	86.2	86 . 2	86.2	86.2	8 € • Z	86.2	P6.2	86.2	86.2
GE	600	C)	32.5	81.7	84 -0	£5.1	8.23	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE	588	εı	22.5	81.7	84 .D	£5.1	£5.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
6E	95U	C I	22.5	81.7	84 .0	85.1	25.8	86.2	86 - 2	86.2	86.2	86.2	86.2	8 £ . 2	86.2	86.2	86.2	86.2
6E	406	C I	22.5	81.7	84 -0	65.1	85.8	86.2	86.2	86-2	86.2	P6.2	86 - 2	86.2	86.2	86.2	86.2	86.2
GE	350	C L	22.5	01.7	84.0	65.1	8.23	86.2	86.2	86.2	86.2	\$6.2	86.2	86.2	86.2	86.2	86.2	86.2
GE	300	0 [13.2	85.8	1.33	£9.6	10.3	91.0	91 -0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GΕ	250	C \$	14.7	90.3	92.5	54.4	55.1	95.9	95.9	75.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	200	c i	35.8	93.3	95.5	58.1	\$8.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	180	C I	15.8	93.3	95.5	58.1	58.9	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	150	C j	25.8	93.3	95.5	58.1	58.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	120	сĬ	25.8	93.3	95.5	58 - 1	58.9	100.0	100 -0	100.0	100-0	100-0	100.0	100.0	100.0	100.0	100.0	100 *0
GΕ	100	c i	35.8	93.3	95.5	58.1	58.9	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6€	90	άÌ	25.8	93.3	95.5	58.1	58.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · n	100.0	100.0	100.0
GE	80	či	35.8	93.3	95.5	58.1	58.9	100.0	100.0	ioc.o	100.0	100.0	107.0	100.0	100.0	100.0	100.0	10C •n
6E	70	ci	25.8	93.3	95.5	58 . 1	58.9	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
6E	60		25.8	93.3	95.5	58-1	58.9	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0
GE	50	c١	25.8	93.3	95.5	58.1	58.9	100-0	100.0	106.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0
GΕ			15.8	93.3	95.5	58.1	58.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĞĒ			25.8	93.3	95.5	58.1	58.9	100.0	100.0	106.0	100.0	100.0	100.0	101.0	100.0	100.0	100.0	100.0
GE			15.8	93.3	95.5	58.1	58.9	100.0	100.0	100.0	100.0	100 - D	100.0	100.0	100.0	100.0	100.0	100.0
₽£			35.8	93.3	95.5	58.1	58.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
38		E	35.8	93.3	95.5	58.1	58.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
•••		•••	•••••															

TOTAL NUMBER OF OBSERVATIONS: 268

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	110	N NI	UPBER:	164530	STATI	OR NAME:	GELA	ITALY					PERIOD	OF REC	DRD: 78	-87		
													MONTH	: FEB	HOURS	ILSTI:	1800-2 L	.00
				• • • • • • •		• • • • • • • •									• • • • • • •	• • • • • •		••••
	LINE	6.	_						AIZIRIF;									
	N		61	GE	3.8	6E	BE	Œ	6E	EE	39	GE	GE	EE	GE	GE	Ģ€	G£
	ET	- 1	160	90	80	60	48	40	32	24	50	16	12	10	8	5	•	O
•••	••••	• • • •	• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	••••••	• • • • •	••••
NO	CEIL	L	22.7	54.6	56.1	57.6	£7.6	58.0	58.0	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
6E	2008	100	23.0	57.2	58.7	60.2	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
_			23.0	57.2	58.7	60 • 2	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
G€	1600	130	23.0	57.2	58 .7	€0 - 2	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
			23.0	57.2	58.7	60.2	60.6	61.0	61.0	61.D	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
€E	1 500	100	23.4	58.4	59.9	£1.3	£1.7	62.1	62.1	62.1	62 • 5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
6 E	1000	130	26.8	64.3	66.5	68.8	69.1	69.5	69.5	65.5	69.9	69.9	69.9	65.9	69.9	69.9	69.9	69.9
6E	900	ci	27.9	74.3	77.3	79.6	79.9	80.3	80.3	8 C - 3	80.7	80.7	80.7	86.7	80.7	50.7	80.7	80.7
39	901	130	27.9	75.5	78.4	Ep.7	£1.4	81.6	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
38			27.9	75.5	78.4	60.7	E1 .4	81.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	P2.2	82.2	82.2
6E	600	0 C J	27.9	75.5	78.4	e0.7	13	81-8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
6E	500	130	20.3	76.2	79.2	£1.4	E2 .2	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
6E	451	OCI	28.3	76.2	79.2	21.4	12.2	82.5	82.5	82.5	82.9	82.9	87.9	82.9	82.9	#2.9	82.9	82.9
GE			28.3	76.2	79.2	21.4	£2.2	82.5	82.5	82.5	82.9	82.9	87.9	82.9	82.9	92.9	82.9	83.3
GΕ			29.0	77.0	79.9	82 • Z	£2.9	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0
ĢĒ	300	D C \$	29.4	79.6	82.5	£4.8	£5.5	85.9	85.9	85.9	86.2	86.2	86,2	86.2	86.2	*6.2	86.2	86.6
GΕ	258	130	29.7	85.1	89.6	52 . 2	52.9	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.1
GΕ	200	130	20.9	89.2	94.1	57.0	57.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	96.9	98.9	99.3
ĢΕ		0 C J	10.9	89.2	94.1	\$7.0	57.8	98.5	98.5	98.5	98.9	98.9	96.9	96.9	98.9	98.9	98.9	99.3
6E		o c i		89.2	94.1	\$7.0	\$7.8	98.5	98.5	98.5	76.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE	120	0 C I	20.9	89-2	94.1	57.0	57.8	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE	100	D C I	10.9	89.2	94.1	57.0	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.6
GE	91	190	20.9	89.2	94.1	57.0	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.6
GE		DCİ		89.2	94.1	57.0	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.6
GE		901	30.9	99.6	94.4	57.4	58.1	99.3	99.3	99,3	99.6	99.6	99.6	95.6	99.6	99.6	99.6	100.0
6£	66	661	20.9	89.6	94.4	57.4	\$8.1	99.3	99.3	99.3	99.6	99.6	99.6	95.6	99.6	99.6	99.6	100.0
33	54	130	20.9	89.6	94.4	57.4	58.1	99.3	99.3	99.3	99.6	99.6	99.6	95.6	99.6	99.6	99.6	100.0
GE		001		89.6	94.4	57.4	58.1	99.3	99.3	99.3	99.6	99.6	99.6	95.6	99.6	99.6	99.6	100.0
GE		ושם		89.6	94.4	57.4	58.1	99.3	99.3	99.3	99.6	79.6	99.6	95.6	99.6	99.6	99.6	100.0
GE		DCI		89.6	94.4	57.4	50.1	99.3	99.3	99.3	99.6	99.6	99.6	95.6	99.6	99.6	99.6	100.0
G€	11	uel	30.9	67.6	94.4	57.4	58 - 1	99.3	99.3	99.3	99.6	99.6	90.6	95.6	99.6	99.6	99.6	100.0
Œ		Cl	20.9	89.5	94.4	57.4	1.82	99.3	99.3	99.3	79.6	99.6	90.6	95.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF CRSERVATIONS: 269

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOWELY OBSERVATIONS

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

						OR NAME:							MONTH	OF REC I: FEP	HOURS	ILSTI:	2100-2	
	LING	•••	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••			HUNDRED			•••••	• • • • • • •	••••••	• • • • • •	•••••••
FE	E T	¦		6E 90	6 E 80	GE 60	6E 48	GE • U	GE 32	GE 24	6 E 20	GE 16	12 12	EE 10	6E 8	GE S	GE 4	G E O
NO	CEIL	ı	29.1	57.9	59.5	eu.3	€0.3	60.7	61.1	61-1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
6E	2000	C I	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	6:.2	63.2	63.2	63.2	63.2
GΕ	1800	C I	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	6 . 2	63.2	63.2	63.2	63.2
GΕ	1600	ĊÌ	29.1	59.1	60.7	62.3	62.3	62.8	63.2	63.2	63.2	63.2	63.2	6 1 . 2	63.2	63.2	63,2	63.2
6E	1400	C I	29.1	59.1	60.7	62.3	£2.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
6E	1500	c I	29.1	59.1	60.7	£2.3	£2.3	62.8	63.2	6 3.2	63.2	63.2	63.2	6 2 • 2	63.2	63.2	63.2	63.2
6£	1000	c t	32.0	65.2	67.2	69.6	69.6	70.0	70.4	7 C. 4	70.4	70.4	70.4	76.4	70.4	70.4	70.4	76.4
6E	900		35-6	77.7	80.6	£3.0	£3.0	83.4	83.8	83.8	63.8	83.8	83.8	81.8	83.8	P 3. 8	83.8	83.8
GE	800		25.6	78.1	81.0	£3.4	63.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE	700	ci	35.6	78.1	81.0	83.4	£3.4	83.8	84.2	84.2	84 . 2	84 . 2	84.2	84.2	84.2	84.2	84.2	84.2
GΕ	600	c i	35.6	78.1	81.0	4.89	E3.4	8 3. 8	84.2	84.2	84.2	84.2	84 . 2	84.2	84 - 2	84.2	64 . 2	84.2
GE	5001	- 1	35.6	78.1	81.0	£3.4	£3.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE			35.6	78.1	81.0	83.4	£3.4	83.8	84 .2	84.2	84.2	84.2	84.2	84.2	84.2	R4.2	84.2	84.2
GE			25.6	78.1	81-0	63.4	83.4	83.8	84.2	84.2	84 . 2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE			35.6	78.5	81.4	£3.8	£3.6	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE			36.0	80-2	83.0	85.4	£5.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE	250			87.4	-0 -												Oh -	۰
GE			18.1 18.9	90.3	90.7 93.9	\$3.5 \$8.0	53.5 58.0	93.9	94.3	94.3 99.2	94.3 99.2	94.3	94.3	94.3 95.2	94.3 99.2	94.3 99.2	94.3	94.3 99.2
6E			18.9	90.3	93.9	58.C	58.D	98-8 98-8	99.2 99.2	99.2	99.2	99.2	99.2	95.2	99.2	99.2	99.2	99.2
6E			28.9	90.3	93.9	58.4	58.4	99.2	99.6	99.6	99.6	99.6	90.6	95.6	99.6	99.6	99.6	99.6
GE			28.9	90.3	93.9	58.4	58.4	99.2	99.6	99.6	99.6	99.6	99.6	95.6	99.6	99.6	99.6	99.6
6E) Post	- 1	28.9	90.3	93.9	98.A	58.8	99.6	100.0	100.0	100.0	1	100.0		100.0	100.0	100.0	100 -
GE			18.9	90.3	93.9	78 • B	58.8	99.6	100.0	100.0	100.0	100.0	100.0	10C•0 10C•0	100.0	100.0	100.0	100.0 100.0
6E			38.9	90.3	93.9	78.8	58.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · n	100.0
GE		-	28.9	90.3	93.9	58.8	58.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			38.9	90.3	93.9	58.8	58 .8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	F 0.	- 1												•			100.0	
GE			28.9	90.3	93.9	58.8	58.8	99.6	100.0	100.0	100.0	100.0	100.0	10[.0	100-0	100.0	160.0	100.0
GE			18.9 18.9	90.3 90.3	93.9 93.9	58.8 58.8	\$8.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			-				58.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	201 101		38.9 38.9	90.3 90.3	93.9 93.9	58.8 58.8	58 • 8 58 • 8	99.6 99.6	100.0 100.0	100-0	100.0	100.0	100.0	10C.0	100.0	100.0	100.0	100.0 100.0
6E	1	ci	18.9	90.3	93.9	58.8	58.8	99.6	100.0	100-0	100-0		100.0	100.0	100.0	1000	100-0	100-0

TOTAL NUMBER OF CREENVATIONS: 247

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOLDRLY OBSERVATIONS

STATION	NU PBER :	16453C	STATI	OR NAME:	GELA	ITALY					PERIOD	OF REC	ORD: 78	-67		
_		_		_							HONTH	: FEB	HOURS	ILST):	ALL	
•••••		• • • • • • •										• • • • • • •	• • • • • • •			
CE IL ING									HUNDRED!							
IN	1 61	6£	6 E	G€	GE	Œ	6£	GE	GΕ	GΕ	6E	EE	GΕ	GE	G£	GE
FEET) 16D	90	80	60	48	4 D	32	24	50	16	12	10	8	5	4	0
•••••		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
						_										
NO CEIL	1 25.9	56.4	57.9	59.0	£9 .2	59.4	59.5	59.5	59.6	59.7	59.7	55.7	59.7	59.7	59.7	59.9
GE 2000 C		58.2	59.9	61 -0	61.4	61.6	61.6	61,7	61.8	61.8	61.8	61.8	61-8	61.9	61.9	62.0
GE 1800 I		58.2	59.9	61.1	£1 .4	61.6	61.7	61.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	62.1
GE 16001		58+2	59.9	61 - 1	61.4	61-6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62-1
6E 14000		56.2	59.9	61.1	61.4	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.1
6E 1200 (1 40.2	59.3	61.3	62.4	62.7	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.5
GE 1000 C		66.8	69.3	71.0	73 .4	71.7	71.7	71.8	71.8	7. 0	71.9	71.9	71.9	71.9	71.9	72.1
	1 30.8	77.2	80.5	£2.5	63.0	83.3	83.3	83.4	83.5	71.9 83.6	83.6	81.6	83.6	83.7	83.7	83.8
	11.0	78.1	61.4	£3.5	0.63	84.3	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.9
	1 21.0	78.1	81.4	23.5	24 . B	84.3	84.4	84.5	64.6	84.6	84.6	84.7	84.7	84.7	84 . 7	84.9
	11.0	78.1	81.4	£3.5	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.9
05 0500			0		2700	0703	04.1	04.5	04.0	C4.0	64.6	0407	0401		04.1	0 7 . 7
6E 5000	1 21.1	78.6	82.0	84.1	£4 . 6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	P5.3	85.3	85.4
	21.1	78.6	82.D	84.1	64.6	84.8	84.9	85.0	85.1	85.2	85.2	R 5 . 2	85.2	85.3	85.3	85.4
	1 :i.i	78.6	82.0	64.1	64.6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	65.3	85.3	85.5
	1 31.2	78.8	82.1	64.3	8. #3	85.1	85.1	85.3	85.9	85.4	85.4	85.5	85.5	85.5	85.5	85.7
	1 31.0	81.5	84.9	17.3	£7.8	88.1	88.2	88.3	68.4	88.5	88.5	88.5	88.5	88.6	88.6	88.8
												5.45				
GE 2500	1 32.8	87.2	91-0	53.8	54.3	94.7	94.8	94.9	95.0	95 - 1	95.1	95.1	95.1	95.2	95.2	95.4
GE 2000	1 23.0	90.2	94.4	57.7	58.3	98.9	98.9	99.1	99.2	99.3	99.3	95.3	99.3	99.4	99.4	99.6
GE 1800	1 23.6	90.2	94.4	57.7	58.3	98.9	98.9	99.1	99.2	99.3	99.3	95.3	99.3	99.4	99.4	99.6
GE 1500	1 23.8	90.2	94.4	57.B	58.3	98.9	99.0	95.2	99.3	99.3	99.3	95.5	99.5	99.5	99.5	99.7
GE 1200	1 33.0	90.2	94.4	57.8	58.3	98.9	99 .D	99.2	99.3	99.3	99.3	95.5	99.5	99.5	99.5	99.7
	-											-	_			
GE 1600	1 23.8	90-2	94.4	57-8	58 -4	99.D	99.1	99.3	99.4	99.5	99.5	95.6	99.6	99.7	99.7	99.9
6E 900	1 33.8	90.2	94.4	\$7.8	58.4	99.8	99-1	99.3	99.4	99.5	99.5	95.6	99.6	99.7	99.7	99.9
6E 80 (1 23.8	90.2	94.4	57.8	58.4	99.0	99.1	95.3	99.4	99.5	99.5	95.6	99.6	99.7	99.7	99.9
	1 23.8	90.2	94.5	57.9	58.4	99.1	99.1	99.3	99.4	99.5	99.5	95.7	99.7	99.7	99 - 7	99.9
GE 608	1 23.8	90.2	94.5	57.9	58 .4	99.1	99 • I	99.3	99.4	99.5	99.5	95.7	99.7	99.7	99.7	99.9
	1 23.8	90.2	94.5	57.9	58.4	99.1	99.1	99.3	99.4	99.5	99.5	95.7	97.7	99.7	99.7	99.9
6E 400	1 23.8	90.2	94.5	57.9	58 .4	99. I	99.1	99.3	99.4	99.5	99.5	95.7	99.7	99.7	99.7	99.9
	1 23.8	90.2	94.5	57.9	58.4	99.1	99.1	99.3	99.4	99.5	99.5	95.7	99.7	99.7	99.7	99.9
	23.8	90.2	94.5	57.9	58.4	95.1	99.1	99.3	99.4	99.5	99.5	95.7	99.7	99.7	99.7	99.9
GE 180	1 33.8	90.2	94.5	\$7.9	58.4	99.1	99.1	97.3	99.4	99.5	99.5	95.7	99.7	99.7	99.7	99.9
	1 23.8	90.3	94.5	57.9	58.5	99.1	99.2	99.4	99.5	99.6	99.6	95.7	99.7	79.8	99.8	100.0

TOTAL NUMBER OF CBSERVATIONS: 2039

PERCENTAGE FREQUENCY OF UCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOLRLY OBSERVATIONS

E: GELA ITAL	3C STATION NAME:	16453	NUPBER:	STATION
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ST	ATION	NU P	BER:	164530	STATIO	DA NAME:	GEL A	I TALY					PERIOD	OF REC	OPD: 78	-87		
					_									: MAR			0000-02	•
	LING	••••	•••••	•••••		• • • • • • • •		•••••	VISTBIL					•••••	• • • • • • •	•••••	• • • • • •	••••••
1	N	•	61	GE	GE	6 £	GE	GE	GE	ŒE	GE	GE	3.0	EE	GE	GE	GE	G £
	EET	•	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
	CEIL			63.3	65.5	47.3	47.0				68.6	68.9	69.3	65.3	69.3	69.3	69.3	69.3
NU	CEIL	, ,	0.7	6363	93.3	67.3	67. 0	67.8	68.2	68.6	68.0	00.7	67.3	01.3	67.3	64.3	67.3	69 +3
	20000			63.6	65.9	67.4	£7.4	68.2	68.6	68.9	69.9	69.3	69.7	65.7	69.7	69.7	69.7	69.7
	18000			63.6	65.9	67.4	£7.4	68.2	68.6	68.9	68.9	69.3	69.7	65.7	69.7	69.7	69.7	69.7
	16000			64.0	66.3	67.8	67.8	68.6	68.9	69.3	69.3	69.7	70.1	70.1	70.1	76.1	70 - 1	7 C • 1
	14000			64.0	66.3	67.8	67.8	68.6	68.9	69.3	69.3	69.7	70.1	70-1	70 - 1	70.1	70.1	70.1
6E	12000	: 1 Z	6.9	64-0	66.7	68.2	€8.2	68.9	69.3	69.7	69.7	70.1	70.5	70.5	70.5	70.5	70 - 5	70.5
6€	10000	1 2	9.9	70.8	73.5	75.4	75.4	76.1	76.5	76.9	76.9	77.3	77.7	71.7	77.7	77.7	77.7	77.7
GΕ	900€	:1 3	1.4	78.0	81.1	83.3	84.5	85.2	85.6	86.D	86.0	86.4	86.7	B E . 7	86.7	86.7	86.7	86.7
68	8000	1 2	1.4	78.8	81.8	£4 • 1	£5.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	B7.9
66	7000	1 3	11.4	78.8	81.8	E4 - 1	85 .6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9
€E	6000	1 3	11.4	78.8	81.8	E4 - 1	e5 .6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	P7.9	87.9	87.9
6 E	5000	1 3	11.9	78.8	81.8	64.1	£5.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	67.9
GE	4500	:i 3	1.4	78.8	81.8	64 - 1	e5 .6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9
GE	4000	1 3	11.4	78.8	81.8	£4.1	85.6	86.4	86.7	87.1	87.1	87.5	87.9	81.9	87.9	87.9	67.9	e 7 .9
GE	3500	1 3	11.4	78.8	81.8	E9 . 1	25.6	86.4	86.7	87.1	87.1	87.5	87.9	87.9	87.9	87.9	87.9	87.9
GE	3000	1 3	2.6	80.7	84 -1	4.63	£7.9	89.0	89.4	89.8	89.8	90.2	90.5	96.5	90.5	90.5	¥0.5	90.5
66	2500		13.0	86.0	89.6	52.4	53.9	95.1	95.5	95.8	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE	2000			88.6	92.8	55.5	57.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
ĢE	1800			88.6	92.8	55.5	\$7.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	106.0
GE	1500	1 3	:3.3	88.6	92.8	55.5	57.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	1 3	3.3	P8-6	92.8	55.5	\$7.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
6 E	1000	:1 :	3.3	88.6	92.8	55.5	57.0	98.1	98.5	95.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	166.0
6E			3.3	88.6	92.8	55.5	57 .D	98.1	98.5	99.2	99.2	99.6	100.0	101.0	100.0	100.0	100.0	106.0
ĿΕ	800	1 3	13.3	88.6	92.8	55.5	57.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100-0	100.0
GE	700	: 1 3	13.3	88.6	92.8	55.5	57.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	1 3	3 - 3	88-6	92.8	55.5	\$7.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100-0	100.0	106.0
G€	560	1 :	3.3	88.6	92.8	55.5	57.0	96.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	160.0	100.0
66	400	1 1	13.3	88.6	92.8	55.5	57.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100-0	100.0	100.0
GΕ	300	: 1 3	23.3	88.6	92.8	55.5	57.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
6Ē			3.3	88.6	92.8	55.5	57 -D	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
38	100	1 3	3.3	88.6	92.8	55.5	57.0	98.1	98.5	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE	(1 2	3.3	88.6	92.8	95.5	57.0	98.1	98.5	95.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF COSERVATIONS: 264

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 HONTH: HAR HOURS(LST): 0300-0500 CE IL ING VISIBILITY IN HUNDREDS OF METERS 6E GE GΕ EE 6E 6 E 6E GE GE ĞE GE GΕ GE 6E G E FÊÊT 20 160 90 80 60 48 40 32 24 16 12 10 5 0 NO CEIL 1 20-1 71.1 71.1 71.5 71.5 71.9 71.9 64.8 66.4 £9.1 69.5 70.7 70.7 71.1 71.5 71.9 SE 2000CL 30-1 71.5 71.5 71.5 71.5 71.9 65.2 66.8 69.5 69.9 71.1 71.1 71.5 71.9 71.9 72.3 72.3 72.3 GE 1800C| 20-1 GE 160GC| 30-1 GE 140GC| 30-1 69.9 71.1 71.5 71.9 /1.9 71.9 71.9 71.9 72.3 72.3 72.3 65.2 66.8 69.5 71.1 72.3 72.3 65-2 66.8 69.5 69.9 71.1 71.1 71.5 71.5 71.5 71.5 71.9 72.3 72.3 71.9 65.2 66.8 69.9 71.1 71.9 71.5 71.9 72.3 £9.5 71.1 71.5 GE 1200C1 20-1 71.9 77.0 17.3 78.9 79.7 1000C| 31.3 71.5 78.5 78.5 79.3 900C1 33.6 800C1 33.6 77.7 78.5 80.5 81.3 £4 . 4 £5 . 5 85 • 2 86 • 3 86.7 86.7 87.9 87.1 88.3 87.1 88.3 87.1 88.3 87.5 88.7 87.5 86.7 87.5 68.7 87.9 89.1 87.9 89.1 GE 87.9 ĞĒ 89.1 GF 700C1 33.6 78.5 87.9 87.9 88.3 88.3 88.3 88.7 82.7 88.7 89.1 89.1 89.1 60GC1 33.6 87.9 89.1 GΕ 78.5 85.5 26.3 87.9 8 E . 3 88.3 88.3 88.7 86.7 68.7 89.1 6E 50DC1 23.6 88.3 88.7 89.1 89.1 78.5 81.3 25.5 26.3 8 7. 9 87.9 88.3 88.3 88.7 88.7 89.1 88.3 GE 45001 33.6 40001 33.6 78.5 78.5 81.3 81.3 87.9 87.9 87.9 87.9 88.3 88.3 88.7 8 E . 7 8 E . 7 88.7 88.7 89.1 89.1 89.1 85.5 26.3 89.1 85.5 66.3 88.7 88.7 GE 350C1 23.6 88.7 89.1 78.5 81.3 25.5 £6.3 87.9 87.9 88-3 88.3 88.3 89.1 89.1 300 E 14.4 92.2 G€ 25661 34.4 85.5 88.7 93.8 54 .5 96.1 96.1 96.5 96.5 96.5 96.9 96.9 96.9 97.3 97.3 97.3 GE 200 C | 34.4 180 C | 34.4 86.7 90 •2 90 •2 95.3 95.3 56.9 56.9 98.4 98.4 98.4 98.4 98.6 98.8 98.8 98.8 98 • 8 98 • 8 99.2 95.2 95.2 99.2 99.2 99.6 99.6 99.6 99.6 GΕ 98 •8 98 •8 98 · 8 98 · 8 99.2 99.2 GE 150Cl 34.4 86.7 90.2 55.3 \$6.0 98.4 98.4 98.8 95.2 99.6 99.6 99.6 GΕ 12001 34.4 95.3 56.9 98.4 98.4 98.8 99.6 90.2 95.2 99.6 бE 10061 34.4 90.2 55 - 3 56.9 98.4 98.4 98.8 98.8 98.8 95.2 99.2 99.6 86.7 95.6 90C| 34.4 80E| 34.4 98.4 98.4 98.4 99.2 99.6 99.6 86.7 99.2 56.9 56.9 56.9 98.8 98.8 98.8 95.2 95.2 99.2 99.2 99.6 95·3 95·3 98.4 98.8 GE 86.7 98.4 98.8 98.8 98.8 98.8 70C1 34.4 60 GL 24.4 86.7 90.2 55.3 56.9 98.4 98.4 98.8 98.8 98 . R 99.2 95.2 99.2 99.6 99.6 99.6 GE 50CL 34.4 86.7 90.2 95.3 56 . 9 98.4 98.4 98.8 98.8 98.8 99.7 95.2 99.2 99.6 99.6 99.6 40C1 34.4 30C1 34.4 99.2 99.6 99.6 90.2 56.9 56.9 98.4 98.4 98.4 98.4 98.8 98.8 98.8 99.2 95.2 99.6 GE 86.7 55.3 98.8 98.8 98.8 98 · 8 86.7 90.2 55.3 99.2 95.2 99.2 99.6 99.6 99.2 2001 34.4 90.2 98.4 98.8 99.6 99.6 GE 86.7 95.3 56.9 98.4 95.2 99.2 99.6 1001 34-4 86.7 90.2 55.3 98.4 98.8 98.8 99.6 56.9 98.8 99.6 G€ CI 34.4 86.7 90.2 55.3 56.9 98.4 98.8 98.8 98.8 99.2 95.2 99.2 100.0 100.0 100.0 98.4

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TOTAL NUMBER OF CBSERVATIONS: 256

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY FROM MOURLY OBSERVATIONS

STATION NUPBER: 16453C STATICA NAME: GELA ITALY

PERIOD OF RECORD: 78-87

												HONTH	-		ILSTI: (
EILI		• • • • •	• • • • • • •	••••	•••••	• • • • • • •		AIZIRIF		HUNDRED!	OF ME	TERS	••••••	• • • • • •	• • • • • • •	• • • • • •	••••
IN	- 1	61	6E	39	GE	GE	Œ	6£	GE.	GE	38	6£	ЕE	66	GE	GE	6 E
EET		160	90	80	60	48 	*0	32	24	20	16	12	10	6			
CE	IL I	15.1	58.5	6 D •2	61.3	£1 .6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0
201	en e i	15.1	60.6	62.7	63.7	£4 .4	65+5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
		15.1	60.6	62.7	63.7	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
	oŏči		60.6	62.7	63.7	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
141	poti	15-1	60.6	62.7	63.7	64.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
		15.1	61.6	63.7	65 - 1	65 -8	66-9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67,3
100	DUCI	16.9	70-1	72.5	74.3	75.0	76.1	76.1	76-4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.8
91	noti	18.3	75.4	78.5	60 • 6	£1.7	82.7	82.7	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.2
81	1300	18.3	76.4	79.6	61.7	£3.5	84.9	84.9	85.6	85.9	85.9	86.3	8 E . 3	86.3	86.3	86.3	86.6
		18.3	76.4	79.6	£1.7	£3.5	84.7	84.9	85.6	85.9	85.9	86.3	8 E . 3	86.3	86.3	86.3	86.6
E 61	00 a t	18.3	76.4	79.6	41.7	£3.5	84.9	84.9	85.6	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.6
		18.3	78.5	\$1.7	83.8	65.6	87.0	87.0	87.7	88.0	88.0	84.4	86.4	88.4	88.4	68.4	88.7
		18.3	78.5	81.7	£3.8	£5.6	87.D	87.D	87.7	86.0	88.0	88.4	86.4	88.4	88.4	88.4	88.7
	poci	18.3	78-9	8 2 •G	84 - 2	ę5 .9	87.3	87.3	8 E.D	88.9	88.4	86.7	88.7	88.7	88.7	88.7	89-1
		16.3	78.9	# 2 .O	44.2	45.9	87.3	87.3	88.0	86.4	88.4	80.7	8E.7	88.7	88.7	86.7	1.98
31	1001	18.3	60.6	83.8	45.9	£7.7	89.1	89.1	89.8	90.1	90 • 1	90.5	96.5	90.5	90.5	90.5	8.09
29	10 O E	18.7	84.9	88.0	\$1.9	53.7	95.1	95.1	95.8	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.8
20	1000	18.7	87.0	90.1	94 + 0	55.8	97.2	97.2	93.9	98.2	98.2	96.6	98.6	96.6	98.6	98.6	98.9
1 1	1008	18.7	87.0	90.1	54.0	55 .8	97.2	97.2	97.9	98.2	98.2	98.6	98.6	98.6	78.6	98.6	98.9
		18.7	97.3	9 D .5	54.4	\$6.1	97.5	97.5	98.2	98.6	98.6	98.9	96.9	98.9	98.9	98.9	99.3
. 3:	50 C I	18.7	87.3	90.5	54.4	56.1	97.5	97.5	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.3
21	1300	18.7	87.7	90.8	54.7	\$6.5	97.9	97.9	98.6	98.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
		18,7	87.7	90.8	54.7	56.5	97.9	97.9	96.6	98.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
		18.7	87.7	90.8	54 . 7	56.5	97.9	97.9	98.6	78.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
		18.7	87.7	90.8	54.7	\$6.5	97.9	97.9	98.6	98-9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
: (POEI	18.7	87.7	90.8	54.7	56.5	97.9	97.9	98.6	98.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
		18.7	87.7	90.6	54.7	\$6.5	91.9	97.9	98.6	98.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
		18.7	87.7	90.8	54 - 7	56 -5	97.9	97.9	98.6	78.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
		18.7	87.7	90.8	54.7	96.5	97,9	97.9	98.6	98.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
		18.7	87.7	90 .6	54.7	56.5	97.9	97.9	4.89	98.9	98.9	99.3	95.3	99.3	99.3	99.3	99.6
Ε :	1951	18.7	87.7	90.8	54.7	56.5	97.9	97.9	98.6	98.9	98.9	99.3	95.3	99.3	99.3	99.3	95.6
E	εţ	18.7	87.7	8.04	54.7	56 . 5	97.9	97.9	98.6	98.9	78.9	99.3	95.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF CESERVATIONS: 244

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOUGHLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 164530 STATION NAME: GELA ITALY

•••			104330	31774		OLLA						HONTH		HOURS	ILST1:	0900-11	00	
				• • • • • •			•••••						• • • • • •					
CE 1	LING							VISIBIL	ITY IN	HUNDRED!	S OF ME	TERS						
1	N	67	6E	G€	GE	6E	GE	GE	EE	6E	6E	6 E	EE	GE	96	3 9	6 €	
FE	E 1	160	90	90	6D	48	40	32	24	20	16	12	10	8	5	4	0	
•••			· · · · · · .				•••••	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •		•
NO	CEIL	22.1	58.3	60.0	60.7	61. 0	61.7	61.7	62.1	62 -4	62.4	62.4	62.8	62.8	62.8	62.8	62.8	
	2000		61.0	62.8	63.8	64 - 1	64.8	64.8	65.2	65.5	65.5	65.5	6 . 9	65.9	65.9	65.9	65.9	
	18000		61.0	62.8	63.8	64 - 1	64.8	64.8	65.2	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9	
	16000		61.0	62,8	63.8	64.1	64.8	64 + 8	65.2	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9 65.9	
	14000		61.0	62.8	63.8	64.1	64.8	64.8	65.2	65.5	65.5	65.5	65.9	65.9	65.9	65.9 69.0	69.0	
66	1 200 C	23.1	63.8	65.5	£6.9	€7.2	67.9	67.9	68.3	68.6	68.6	68.6	65.0	69.0	69.0	87.0	67.0	
6F	1000 C	20.1	72.1	74.1	75.5	76.9	77.6	77.6	77.9	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	
GE		24.5	77.2	79.7	E1 - 7	23.4	84.8	84 + 8	85.2	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9	
GE		24.5	77.2	79.7	ę2.1	£4 . 1	85.5	85.5	85.9	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	
GE		24.5	77.2	79.7	£2.1	1.03	85.5	85.5	85.9	86.2	86 - 2	86.2	86.6	86.6	86.6	86.6	86.6	
ΘĒ		24.5	77.2	79.7	82.1	1. #3	85.5	85.5	85.9	86.2	86.2	86.2	8 6 . 6	86.6	86.6	86.6	86.6	
													•					
GΕ	500 C	24.5	79.3	81.7	24 • I	£6.2	87.6	87.6	87.9	88.3	R8.3	88.3	86.6	88.6	88.6	88.6	88.6	
GE		24.5	79.3	81.7	24 . 1	86 .Z	97.6	87.6	87.9	88.3	80.3	88.3	8 E . 6	88.6	88.6	88.6	88.6	
GE		24.5	79.7	82.1	64.5	66.6	87.9	87.9	88.3	88.6	88.6	88.6	85.0	89.0	89.0	89.D	B 9 .D	
GΕ		24.8	80.0	82.4	84 . 8	£6.9	88.3	88.3	88.6	89.0	69.0	89.0	85.3	89.3	89.3	69.3	89.3	
GE	300 C	25.2	82-4	85.5	27.9	\$0.0	91.4	91.4	91.7	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	
										.	-							
GE		25.9	86.2	89.3	52.4	54.5	95.9	95.9	96.2	96.6	76.6	96.6	96.9	96.9	96.9	96.9	96.9	
GE GE		26.2 26.2	87.6 87.6	90.7 90.7	54.8 54.8	56.9 56.9	98.3 98.3	98.3 98.3	98.6 98.6	99.0	99.D 99.D	99.D	95.3 95.3	99.3 99.3	99.3	99.3 99.3	99.3 99.3	
_		26.2	87.6	90.7	54.8	56.9	78.3	98.3	98.6	99.0 99.0	99.0	99.0	95.3	99.3	99.7	99.7	99.7	
GE		26.2	87.6	90.7	54 . 8	56.9	98.3	98.3	98.6	99.0	99.0	99.0	95.3	99.3	99.7	99.7	99.7	
O.C.	1200	20.2	61.0	74.7	77.0	10.7	70. 3	70.3	70.0	77.0	77.0	7740	7103	7743	77.1	77.1	7741	
GE	1000	26.2	87.6	90.7	94 . 8	56.9	98.3	98.3	98.6	99.0	99.0	99.0	95.3	99.3	99.7	99.7	99.7	
GE		26.2	87.6	90.7	54.8	56.9	98.3	98.3	98,6	99.0	99.0	99.0	95.3	99.3	99.7	99.7	99.7	
ĞĒ		26.2	87-6	90.7	54.8	56.9	98.3	98.3	98.6	99.0	99.0	99.0	95.3	99.3	99.7	99.7	99.7	
GE	70 C	26.2	87.6	90.7	54 . 8	56.9	98.3	98.3	98.6	99.0	99.0	99.0	95.3	99.3	99.7	99.7	99.7	
6 E		26.2	87.6	90.7	54 .8	56.9	98.3	98.3	98.6	99.3	99.3	99.3	95.7	99.7	100.0	100.0	100.0	
ĢĒ		26.2	87.6	90.7	54 . 8	56.9	98.3	98.3	98.6	99.3	99.3	99.3	95.7	99.7	100.0	100.0	100.0	
6E		26.2	87.6	90.7	54.8	56.9	98.3	98.3	98.6	99.3	99.3	99.3	95.7	99.7	100.0	100.0	100.0	
ΘE		26.2	87.6	90.7	54 - 8	56.9	98.3	96.3	94.6	99.3	99.3	99.3	95.7	99.7	100-0	100.0	100.0	
39		26.2	87.6	90.7	54 - 8	56.9	96.3	98.3	9 6. 6	99.3	99.3	99.3	95.7	99.7	100-0	100.0	100.0	
GE	100	26-2	87.6	90.7	54 . 8	56.9	98.3	98.3	96.6	99.3	99.3	99.3	95.7	99.7	100.0	100.0	100.0	
		26.2	87.6	40 7		** *									100.0	100 0	100.0	
6E	-		0/.0	90.7	54 . 8	56.9	98.3	98.3	98.6	99.3	99.3	99.3	95.7	99.7	100.0	100.0	100.0	
•••										******							. .	٠.

TOTAL NUMBER OF CREERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPPER: 16453C STATION NAME: GELA ITALY

STATE	ON N	UPPERI	16453C	STATI	ON NAME:	GELA	ITALY					PEPIO	OF REC	ORD: 78	8-87		
													1: MAR	HOURS	SILSTI:	1200-1	00
EILI	 NG	• • • • • •	• • • • • • •	•••••	•••••	• • • • •	•••••	112121V	TTV TD	HUNDRED	S OF ME	TFDS	••••	•••••	••••••	• • • • • •	
IN		67	39	6€	68	6 E	GE	GE	EE.	GE	6E	GE	ξ£	GE	GE	GE	G E
FEET		160	90	80	60	38	• 0	32	24	20	16	12	10	8	٠,		٠,
			• • • • • • •						_	• • • • • •				_	-	•	
) CE	ווו	24.7	58.8	60-1	61.5	41.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
F 201	0061	25.7	63.9	65.2	66.9	£6 . 9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
		25.7	64.2	65.5	67.2	£7.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
		25.7	64.2	65.5	67.2	€7.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
		25.7	64.2	65.5	67.2	£7.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6		-
		26.0	67.6	68.9	70.6	10.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	67.6	67.6 71.3
			0.00	000,	,500			• • • • • • • • • • • • • • • • • • • •	11.3	11.3	11.3	11.3	11.3	11.3	71.5	71.3	11.3
		28.4	74.7	76.7	79.1	79 - 1	79.7	79.7	75.7	79.7	79.7	79.7	75.7	79.7	79.7	79.7	79.7
		30.7	83.1	85.5	2 · 83	2.83	88.9	88.9	89.2	89.2	89.2	89.2	85.2	89.2	89.2	89.2	89.2
		21.4	89.1	86,5	89.2	£9 • 2	89.9	89.9	90.5	90.5	90.5	90.5	96.5	90.5	90.5	90.5	90.5
		31.4	84.1	86.5	89. 2	£9 . 2	89.9	89.9	90.5	90.5	90.5	90.5	96.5	90.5	90.5	90.5	90.5
60	10 C	31.4	84.1	86.5	e9. 2	e9 . 2	89.9	89.9	96.5	98.5	90.5	90.5	96.5	90.5	90.5	90.5	9 C . 5
50	30 C I	21.4	84.5	86.8	29.5	£9.5	90.2	90.2	96.9	90.9	90.9	90.9	9[.9	90.9	96.9	90.9	90.9
		21.9	84,5	86.8	89.5	89.5	90.2	90.2	96.9	90.9	90.9	90.9	96.9	90.9	90.9	90.9	96.9
		31.6	85.5	87.8	\$0.5	50.5	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
		21.8	85.5	87.8	\$0.5	50.5	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
		12.8	87.8	90.2	52.9	52.9	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94 . 3	94.3
			• • • • •		,		, 200		, 403	,,,,,	,,,,	,	7403	7743	74.3	74.3	74.3
		12.8	90.5	93.6	56 • 3	56.3	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.6
20	30 C I	23.1	91.6	94.9	58.3	58.3	99.3	99.3	100.0	100.0	100.0	100-0	100-0	100.0	100-0	100.0	100.0
		23.1	91.6	94.9	58 - 3	58.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	106.0
		23.1	71.6	94.9	58.3	58.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12	50 C J	23.1	71-6	94.9	58 • 3	58.3	99.3	99.3	106-0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
11	1200	23.1	91.6	74.7	58.3	58.3	99.3	99.3	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
		23.1	91.6	94.9	58.3	58.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		23.1	91.6	94.9	58.3	58.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		23.1	91.6	94.9	58.3	58.3	99.3	99.3	100.0	100.0	100.0	100.0					100.0
		33.1	91.6	94.9	58.3	58.3	99.3	99.3	100.0	166-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
					,,,,,	,,,,	,,,,,	****	100+0	100.0	100.0	100	106.00	100+0	10010	100.0	100.0
		23.1	91.6	94.9	58.3	58.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		23.1	91.6	74.9	58 - 3	58 - 3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
		23.1	71.6	94.9	58.3	50.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
		23.1	91-6	94.9	58.3	58.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 1	1001	23.1	71.6	94.9	50.3	58.3	99.3	99.3	100.0	100.0	100-0	100.0	100.0	100.0	100-0	100.0	100.0
	c i	23.1	91.6	94.9	50.3	58.3	99.3	99.1	IDC.D	100.0	100.0	100.0	100.0	100.0) nn n	100.0	100-0
· 	-											10010			4 9 0 0 0 0	100 +0	***************************************

TOTAL NUMBER OF GBSERVATIONS: 296

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 HONTH: MAR HOURS(LST): 1500-1700 TI ING VISIBILITY IN HUNDREDS OF HETERS CEILING IN Œ **3**8 GE GΕ GE GΕ FEET 160 90 80 60 48 • 0 32 24 26 16 12 10 . 5 0 NO CETL 1 24.3 54.8 56.5 56 .8 57.2 57.2 57.2 57.2 57.2 57.2 SF 2000EL 25.7 60.6 61.3 62.7 63.0 63-4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 61.4 63.4 61.4 1800C1 25.7 60.6 61.3 62.7 £3.0 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 1600C1 25.7 1400C1 25.7 60.6 61.3 62.7 €3.D 63.4 63.4 63.4 63.4 63.4 63.4 63,4 63.4 G€ 60.6 61.3 62 .7 63.0 63.4 63.4 63.4 63.4 63.4 63.4 63.4 GE 1000 E) 28.8 72.3 14.7 75.0 75.3 75.3 75.3 75.3 75.3 75.3 75.3 71.6 74.3 75.0 75.3 900C1 29.8 800C1 20.1 79.1 79.5 80.8 83.2 83.6 83.6 63.9 83.9 83.9 84.2 84.2 84.2 84.2 84.6 84.2 84.6 84.2 84.2 84.6 GE 84.2 84.2 84.2 84.6 84.6 84.6 84.2 84.2 84.6 84.6 6E 700 F L 30-1 79.5 63.9 84.6 84.6 84.6 84.6 84.6 84.6 R4 .6 84.6 600C| 10.1 79.5 81.2 84.6 84.6 GE £3.6 £3.9 84.6 P4 . 6 84.6 84.6 84.6 500 CI 20.1 £4 . Z 84.9 6E 79.8 81.5 23.9 84.6 84.6 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 81.5 6€ GE 450C| 10.1 400C| 30.5 83.9 84.2 £4 .2 24 .6 84.6 84.6 84.9 84.9 85.3 84.9 84.9 84.9 84.9 84.9 80.1 85.3 85.3 85.3 85.3 84.9 84.9 85.3 £4 .6 84.9 350C1 10.5 E4 . 2 85.3 85.3 85.3 GΕ 80.1 85.3 #5.3 85.3 85.3 30001 30.5 E8 .4 £8.7 89.0 89.0 89.4 89.4 GF 25uCl 21.2 89.4 91.4 54.5 54.9 95.2 95.2 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 2000 31.8 1800 21.8 58.6 59.3 59.3 GΕ 92.1 94.5 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 59.3 100.0 150C1 21.8 92.1 94.5 \$8.6 99.7 99.7 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 120.0 100.0 100C1 21.8 68 92.1 94.5 59.3 99.7 99.7 10C-0 100.0 100.0 100.0 100.0 100.0 58.6 100.0 100.0 59.3 59.3 59.3 92.1 94.5 99.7 99.7 99.7 90C| 21.8 80C| 21.8 58.6 100.0 100.0 100.0 100.0 10(.0 100.0 100.0 100.0 100.0 58.6 58.6 100.0 GE GE 100.0 100.0 100-0 100.0 100-0 100.0 100.0 70C1 21.8 100.0 100.0 GE 6DC 11.8 92.1 94.5 58.6 59.3 99.7 99.7 100-0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 SOCE 21.8 99.7 99.7 GE 92.1 99.5 58,6 59.3 99.7 106-0 100.0 100.0 inn.D 100.0 100.0 100.0 100.0 100.0 99.7 ĢΕ 94.5 58.6 59.3 92.1 100.0 40Cf 21.8 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 3001 31.8 2001 31.8 58.6 58.6 59.3 59.3 99.7 100.0 92.1 94.5 99.7 10C.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 92.1 94.5 99.7 100.0 100.0 100.0 100.0 100.0 140.0 100.0 16C1 21.8 92.1 94.5 58.6 100-0 100.0 100.0 100.0 100.0 100.0 100.0 58.6 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF COSERVATIONS: 292

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PEPIOD OF RECORD: 78-87 MONTH: MAR HOURSILST1: 1800-2000 VISIBILITY IN HUNDREDS OF METERS CE IL ING IN | 67 FEET | 160 6E 32 6E 24 6 E GE Œ GE 6€ GE €E GE 20 10 90 12 80 60 48 4 D 16 NO CEIL | 19.3 55 .6 55.6 61.0 6E 2000Cl 19.7 59.3 61.0 61.0 61.0 61.0 61.0 61.4 61.7 61.7 61.7 60.7 61.0 61.0 61.0 61.4 6E 1800Cl 19.7 59.7 £1.4 61.4 61.4 61.4 61.4 61.4 61.4 61.7 62.D 67.0 62.0 61.0 61.4 61.0 61.4 62.0 GE 1400C| 19.7 61.0 62.0 62.0 63.7 GE 1200C1 20-3 61.4 62.7 63.1 63-1 63.1 63.1 63.1 63.1 63.1 63.1 6 ! . 1 63.4 63.7 71.2 72.9 13.6 13.6 73.6 73.6 73.6 73.6 73.6 73.6 71.6 74.2 74.2 74.2 GE 10CGC1 23.1 73.9 900C1 26-1 800C1 26-1 700C1 26-1 78.3 80.0 82.0 £3.1 83.4 83.4 83.4 85.4 81.4 83.7 84.1 84.1 84.1 GE GE 40.3 63.4 83.4 82.0 82.0 83.7 83.7 85.4 85.4 85.4 86.1 86.1 86.1 85.4 85.4 85.8 80.0 85.4 85.4 85.4 600C1 26.1 82.0 63.7 25.1 85.4 85.4 65.8 86.1 86.1 80.0 500Cl 26.1 456Cl 26.1 470Cl 26.1 GE 81.0 63.1 14.7 16.1 86.4 86.4 86.4 96.4 86.4 86.4 86.8 86.8 87.1 R 7 .1 6ξ 81.D 83.4 81.7 83.4 83.4 84 - 7 85 - 1 86 .1 86 .4 86.4 86.4 46.4 86.4 86.4 86.4 8 E. 4 87.1 87.1 87.1 86.6 86.8 86 - 8 87 - 1 86.8 86 . 8 86.8 86.8 87.1 87.5 87.5 87.5 350 CL 26-1 B 3 -7 86.8 87.8 87.8 GΕ 25.4 87.1 87.1 87.1 87.5 87.8 88.5 90.5 GE 30001 26.4 84.7 90.5 90.5 90.5 90.5 96.5 90.8 90.5 54.2 96.9 **6E** 250C1 26.8 88.5 55.6 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.6 96.9 96.9 98.6 98.6 98.6 99.0 99.7 GE 20001 27-1 90.5 93.9 96 .6 \$8.0 98.6 99.0 99.0 99.0 95.0 99.3 99.7 6E 6E 99.0 99.3 99.3 56.6 99.7 180 C | 27.1 150 C | 27.1 98.5 98.5 93.9 93.9 98.6 98.6 99.0 99.3 99.0 99.3 99.7 99.7 58.0 99.0 95.0 \$8.0 \$8.0 99.3 100.0 100-0 100.0 12001 27.1 90.5 98.6 98.6 99.3 100.0 100.0 100.0 98.6 98.6 98.6 56.6 56.6 56.6 98.6 98.6 98.6 58 .D 99.3 95.3 95.3 6E 100Cl 27.1 90.5 93.9 99.3 99.3 99.3 99.7 100.0 100.0 100.0 90.5 99.3 99.7 99.3 99.3 99.3 100.0 93.9 100.0 6E 90C1 27.1 99.3 99.3 100.0 100.0 99.3 58.0 95.3 99.7 100.0 100.0 GE GE 98.6 99.3 99.7 70t) 27.1 60tl 27.1 93.9 46.6 58.0 98.6 99.3 100.0 100.0 100.0 90.5 100.0 100.0 100.0 98.6 98.6 98.6 99.3 99.3 99.3 100.0 50Cl 27.1 90.5 58.0 98.6 98.6 98.6 99.3 100.0 100.0 54.6 40C1 27.1 30C1 27.1 90.5 93.9 56.6 \$8.0 \$8.0 99.3 99.3 99.3 99.3 95.3 95.3 99.7 100.0 100.0 100.0 99.7 100.0 100.0 100.0 100.0 2001 27.1 1001 27.1 90.5 93.9 58 -0 94.4 98.6 99.3 99.3 99.3 95.3 100.0 100.0 99.3 99.3 100.0 100.0 56.6 58 .0 96.6 98.6 99.3 99.3 95.3 £1 27.1 99.3 95.3 99.7 lno.0 100.0 100.0 SΕ 90.5 93.9 58.0 98.6 96.6 99.3 56.6 96. 1 40.1

TOTAL NUMBER OF CBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOLDLY OBSERVATIONS

					CA NAME:							HONTH	: MAR		(LST):		
		• • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • •	•••••	VISIBIL	••••••			******	• • • • • • •	• • • • • •	•••••	• • • • • •	••••
ILI: IN	40	61	6E	GE	GE	6 E	Œ	6F	GE .	6E	S OF MC	66	EE	39	G£	GE.	GE
EET	i	-	90	80	60	48	• 0	32	24	20	16	12	10	6	5	4	a
	-				•••••						-	-		_	-	•••••	•••••
CE	IL 1	32.3	64.9	68.4	69. 5	69.8	76.5	70.5	70.5	70.9	70.9	71.2	71.2	71.6	71.6	71.6	71.6
200	1200	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	73.0	73.3	73.3	73.3	73.3
180	20 C i	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	72.0	73.3	73.3	73.3	73.3
160	1300	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	72.0	73.3	73.3	73.3	73.3
140	30 C İ	23.0	66.7	70.2	71.2	71.6	72.3	72.3	72.3	72.6	72.6	73.0	72.0	73.3	73.3	73.3	73.3
120	1300	13.0	67.0	70.5	71.6	71.9	72.6	72.6	72.6	73.0	73.0	73.3	72.3	73.7	73.7	73.7	73.7
100	30 C J	35-1	76.1	80.0	£1.1	£1.8	82.5	82.5	82.5	82.8	82.8	83.2	8 2 . 2	83.5	83.5	83.5	83.5
91	ווספי	35.8	80.4	84.6	E6 . C	27.4	88.1	88.1	88.1	88.4	88.4	80.8	8 8	89.1	89.1	89.1	89.1
80	1000	36.5	82.1	86.3	27.7	£9.1	89.8	89.8	89.8	90.2	90.2	90.5	96.5	90.9	90.9	90.9	96.9
71	1300	36.5	82.1	86.3	27.7	£9.1	89.8	89.8	89.8	90.2	90.2	90.5	9[.5	90.9	90.9	90.9	90.9
60	13 88	36.5	82.1	86.3	E7.7	1. 63	89.8	89.8	89.8	90.2	90.2	90.5	96.5	90.9	90.9	90.9	96.9
\$0	12 OC	36.5	32.1	86.3	67.7	£9.1	89.8	89.8	85.8	90.2	90.2	90.5	96.5	90.9	90.9	90.9	90.9
41	SCCI	16.5	82.1	86.3	£7.7	£9 - 1	89.8	89.8	89.8	90.2	98.2	90.5	9[.5	90.9	90.9	90.9	96.9
40	1300	36.5	82-1	86.3	£7.7	£9 - 1	89.8	89.8	8 9 . 8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9
3:	1306	36.5	82.1	86.3	67.7	89.1	89.8	89.8	8 7. 8	90.2	90.2	90.5	96.5	90.9	90.9	90.9	90.9
30	00 C J	36.8	83.5	87.7	19.1	50.5	91.6	91.6	91.6	91.9	91.9	92.3	92.3	92.6	92.6	92 • 6	92.6
2:	SUCI	37.5	86.3	90.9	52 - 3	43.7	94.7	94.7	94.7	95.1	95.1	95.4	95.4	95.8	95.8	95.8	95.8
50	oci	37.9	89.1	94.0	55.4	57.2	98.2	98.2	98.6	98.9	98.9	99.3	95.3	99.6	99.6	99.6	99.6
14	138	27.9	89.1	94.0	55.4	57.2	98.2	98.2	98.6	78.9	98.9	99.3	95.3	99.6	99.6	99.6	99.6
3 5	50 C F	27.9	89.1	94.0	55.4	57.2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100.0	100.0	100.0
12	30 C I	17.9	89-1	94.0	55.4	57.2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100.0	100.0	100.0
10	1300	37.9	89.1	94.0	95.4	57.2	98-2	98.2	98.9	99.3	99.3	90.6	95.6	100.0	100.0	100.0	100.0
•	PUCI	27.9	89.1	94.0	55.4	57 .2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100.0	100.0	100.0
	10 C F	27.9	89.1	94.0	55.4	57.2	98.2	98.2	98.9	99.5	99.3	99.6	95.6	100.0	100.0	100.0	100.0
		27.9	89.1	94.0	55.4	57 -2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100.0	100.6	100.0
•	bu C l	27.9	89.1	94.0	55.4	57 • 2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100.0	100.0	10C .0
		27.9	89.1	94.0	55.4	57.2	98.2	98.2	98.9	99.3	99.3	90.6	95.6	100.0	100-0		100.0
		27.9	89.1	94 -0	95 . 4	57.2	98.2	90.2	98.9	99.3	99.3	94.6	95.6	100.0	100.0	100.0	100.0
		27.9	89.1	94.0	55 · 4	57.2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100.0		100.0
		17.9	89.1	94.0	\$5.4	57.2	98.2	98.2	98.9	99.3	99.3	99.5	95.6	100.0	100.0		100.0
1	1001	27.9	89.1	94 .G	55.4	57 • 2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100.0	160.0	190.0
	ε1	27.9	89.1	94.0	55.4	57.2	98.2	98.2	98.9	99.3	99.3	99.6	95.6	100.0	100-3	100.0	100.0

TOTAL NEMBER OF CBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: MAR HOURS(LST); ALL VISIBILITY IN HUNDREDS OF METERS CE IL ING GE 24 6E 20 ΘE EE IN | 61 ō 90 40 32 16 5 60 60 48 12 10 9 £2.5 £2.7 63-3 64.0 6E 2000Cl 24.7 62.6 64.4 65.7 66.8 67.0 67-1 67.2 67.2 67.2 67.3 66.0 66.6 66.6 66.8 66.9 1800 C| 24.7 1600 C| 24.7 1400 C| 24.7 64.5 64.5 66.9 67.0 67.1 67.2 67.3 67.4 67.4 62.6 66 - D 66.7 66.8 67.2 67.3 67.4 65.8 66.7 £5.8 66.8 GE 66.7 **65.8** 66.7 66.8 66.9 67.0 **66-1** GE 1200Cl 25.0 64.3 66.1 £7.6 47.9 68.5 68.6 68.7 68.8 68.8 69.0 65.0 69.1 69.2 69.2 69.2 74.5 77.6 77.7 77.8 78.2 SE 1000C| 27.1 72.3 76.3 76.7 77.4 77.4 77.9 71.9 78.0 78.1 78.1 900C| 28.7 8FOC| 28.9 700C| 28.9 78.7 79.6 79.6 GE 81.4 85.8 85.9 86.2 81.5 81.5 £3.7 85.5 86.1 87.5 86.3 86.3 87.7 86.3 86.4 64.6 85.5 86.0 6E 82.3 £4.7 25.9 86.7 87.3 GE 82.3 25 .9 86. 7 86.8 87-1 87.3 87.3 87.5 87.6 87.7 87.7 87.8 86.7 600C1 28.9 82.3 64.7 86.8 87.3 87.5 87.8 £5.9 87.1 87.3 87.6 6€ 500C1 28.9 450C1 28.9 **E5.5** 66.6 88.0 88.2 88.4 88.5 88 - 5 GE 8C.4 80.7 83.1 83.4 85.5 85.8 £6.6 87.5 87.5 87.9 88.D 88.1 88.2 88.3 88.6 88.4 88.5 88.5 88.8 88.5 6E 400Cl 29.0 88-2 88.3 88.4 88.5 88.7 88.8 87.8 87.6 350C1 29.0 30GC1 29.5 80.8 83.2 27.0 69.7 88.5 91.2 GE GE 83.5 **£5.9** 87.9 00.3 88.6 8 6 . 7 88.8 88.9 88.9 30001 91.5 €8.5 90.7 90.7 91.1 91.4 91.6 91.6 91.6 91.7 250C1 29.9 200C1 30.2 6E R7.2 90.5 92.7 \$3.5 54.7 95.7 95.7 96.1 96.2 96.2 96.4 96.5 96.6 96.6 96.7 96.6 \$7.4 \$7.4 \$7.5 99.2 95.4 95.4 95.6 95.6 99.6 99.6 99.8 98.5 98.5 98.5 98 • 5 98 • 5 98 • 6 99.6 GE 89.2 56.1 99.0 99.2 99.4 92.7 92.7 99.2 99.3 99.3 89.2 56.1 56.2 99.0 99.2 99.4 99.5 6E 180Cl 30.2 99.6 15001 30.2 99.6 12061 20.2 89.3 92.7 99.3 99.R 99.8 99.A 95.6 95.6 95.6 92.8 92.8 57.5 57.5 57.5 98.6 98.6 98.6 99.3 90.6 6E 100C1 20.2 89.3 \$6.2 \$6.2 98.6 99.2 99.4 99.7 99.8 99.8 99.9 99.6 99.4 GE 90 Cl 30 - 2 89.3 98.6 98.6 99.2 99.2 99.3 99.7 99.8 99.8 99.9 92.8 GE 80C1 30.2 89.3 \$6.2 99.7 99.6 99.8 \$7.5 \$7.5 99.2 99.6 95.6 99.7 99.7 99.8 99.8 99.9 GE 70 C I 10.2 89.3 92.8 56.2 98.6 98.6 99.3 99.9 60 C l 20.2 99.9 50 C l 57.5 57.5 57.5 30.2 99.4 99.6 99.7 99.9 \$6.2 98.6 98.6 99.2 99.4 99.9 99.9 99.4 GE GE 40C1 10.2 30C1 10.2 89.3 92.8 92.8 56.2 56.2 98.6 98.6 98.6 99.2 99.4 99.6 95.6 99.7 99.9 99.9 99.9 99.9 99.7 95.6 20C1 30.2 99.6 99.9 \$6.2 99.2 95.6 96.6 98.6 GE 89.3 92.8 56.2 \$7.5 98.6 99.2 99.4 99.6 95.6 99.7 99.9 GΕ E1 20.2 89.3 92.8 57.5 \$6.2 98-6 98 .6 99.2 ... 99.4 99.4 95.4 99.7 99.9 99.6 106.0

TOTAL NUMBER OF OPSERVATIONS: 2262

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					OR NAME:	-						MONTH	OF REC	HOURS	(LST);	0000-02	
	LIN6	•••••	••••••	• • • • • • •	• • • • • • • •	• • • • • •	•••••	VISIBIL					•••••	• • • • • • •	•••••	• • • • • •	*********
1		61	6E	66	6F	GE	GE.	GE	EE.	GE	GE	GE	EE	GE.	GE	GE	GE
FÉ			90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
					• • • • • • •				• • • • • •						••		
NO	CEIL (28.1	70.8	72.7	76.3	76 . 7	78.7	78.7	79.1	79.1	79.1	79.1	75.1	79.1	79.1	79.1	79.1
cE	20000	28.5	71.9	73.9	17.5	17.9	79.8	79.8	80.2	80.2	80.2	80.2	8[.2	80.2	80.2	80.2	80.2
	18000		71.9	73.9	17.5	77.9	79.8	79.8	8 C • 2	80.2	60.2	80.2	8[.2	80.2	RO . 2	80.2	80.2
	1600C		71.9	73.9	17.5	77.9	79.8	79.8	8 C • Z	80.2	80.2	80.2	8(.2	80.2	80.2	80.2	85.2
	1 400 C		71.9	73.9	17.5	17.9	79.8	79.8	80.2	8D • 2	80.2	80.2	8[.2	80.2	80.2	80.2	80.2
		29.2	73.5	75.5	79.1	79.4				81.8	81.8	81.6	81.8	81.8	81.8	81.8	81.8
GE	120061	27.2	73.5	10.0	19.1	17.4	81.4	81.4	81.8	81.6	71.0	91.0	91.0	91.0	81.8	91.8	61.0
GE	1000 5	20.8	81.0	83.4	E7.4	£7.7	89.7	89.7	90.1	90.1	90.1	90-1	90.1	90.1	90.1	90.1	90.1
GE		21.2	84.2	87.0	50.9	51.3	93.3	93.3	93.7	93.7	93.7	93.7	91.7	93.7	93.7	93.7	93.7
G€		11.2	85.0	87.7	51.7	52.1	94.1	94 . 1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE		21.2	85.0	87.7	51.7	52.1	94.1	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE		11.2	85.0	87.7	51.7	52.1	94.1	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
UE	oug c (63.0	0/./	71.7	72 • 1	74.1	74.1	74.3	74.7	79.7	74.7	74.7	77.7	74.7	74.7	77.17
6E	500 C	31.2	85.4	88.1	92.1	52.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE		31.2	85.4	88.1	52 - 1	52.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GĒ		21.2	85.4	88.1	52.1	52.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE		11.2	85.4	88.1	52.1	52.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE		11.6	87.0	89.7	93.7	54.1	96.0	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96 . 8	96.8
	31.00		0.00			,,,,,	,000	,,,,	,	,,,,	,,,,	,,,,	, (• 6	70 4 6	,,,,,	,,,,	, 0 10
GE	250 C	31.6	88.1	90.9	54.9	55 - 3	97.2	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	200 C	32.8	96.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	22.8	90.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.8	100.0	100.0	100.0	100.0	100.0	100.0
GE	150 C	32.8	90.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	32.8	90.1	92.9	56 . 8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1 PO F	12.8	90.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		12.8	90.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0
GE		22.8	90.1	92.9	56.8	57.2	99.2	99.2	99.6		100.0	100.0	100.0	100.0	100.0	100.0	
GE		32.6	90.1	92.9						100.0							100.0
					56 - 8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	105.0	100.0	100.0	100.0	100.0
6E	PULI	32.8	96.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	22.8	90.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE		12.8	90.1	92.9	56 . 8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.p	100.0	100.0
GE		12.0	90.1	92.9	\$6.8	97.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ΘE		12.0	90.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E		32.8	90.1	92.9	56.8	57.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
- C			, , , , ,	76.7	~	77.02	7706	77.2	7 7 6 0	100.00	*00 • 0	100.00	106.0	100+0	100.0	100.0	100.0
GE	c l	12.8	96.1	92.9	\$6.8	\$7.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100-0	100 • 0	100.0

TOTAL NUMBER OF CHSERVATIONS:

GLOBAL CLIPATOLOGY BRANCH AIR WEATHER SERVICE/HJC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PEPIOD OF RECORD: 78-87 MONTH: AFR HOURS(LST): 0300-05cc VISIBILITY IN HUNDREDS OF METERS CE IL ING 1 61 160 68 GΕ IN FEET EE. GE 6€ 32 90 60 60 48 46 24 20 16 12 10 0 NO CEIL | 25.4 77.1 69.2 70.8 14.2 75 .4 76.7 76.7 76.7 76.7 76.7 7 t. 7 76.1 76.7 76.7 76.7 77.5 77.5 77.5 GE 2000C1 25.8 69.6 71.7 75.0 77.5 77.5 77.5 77.5 71.5 77.5 77.5 77.9 76 - 3 77.5 77.5 71.5 77.5 77.5 77.5 GE 180001 25.8 GE 160001 25.8 77.5 17.5 17.5 69.6 76.3 77.5 77.5 77.5 77.5 77.9 77.9 71.7 71.7 15.0 77.5 75.0 16 - 3 71.5 77.5 1400C1 25.8 77.5 17.5 69.6 71.7 75.0 16.3 77.5 77.5 77.5 77.5 6E 1200C1 25.8 77.5 77.5 77.5 77.5 77.9 GE 1000C1 28.8 77.5 79.6 £2.9 E4 • 2 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.8 900C1 20.0 82.5 85.0 85.8 88.3 £9.2 69 .6 50 .4 90.8 90.8 90.8 92.1 90.8 92.1 90.8 92.8 90.8 92.1 90.8 92.1 90.8 92.1 91.3 92.5 GF 90.8 91.7 6F 70DC1 30-0 82.9 85.8 29.2 50.4 91.7 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.5 92.1 92.5 600C1 30.0 82.9 85.8 **89.2** 50.4 91.7 91.7 91.7 92.1 92.1 92.1 92.1 92.1 92.1 82.9 82.9 82.9 91.7 92.1 92.1 92.1 92.5 GE 500 C 1 30.0 85.8 £9.2 50.4 91.7 91.7 92.1 92.1 92.1 92.1 92.1 450C| 10.0 85.8 85.8 89.2 50 · 4 91.7 91.7 92.1 92.1 92.1 92.1 92.1 92.1 91.7 400C1 20-0 350C1 20-0 91.7 92.1 92.1 94.6 92.1 92.1 92.5 GE 91.7 91.7 92.1 82.9 £9.2 91.7 92.1 92.1 92.1 92.1 GE GE 50.4 91.7 92.1 30001 30.8 85.0 52.9 95.0 90.0 \$5.0 \$7.1 \$7.1 96.3 98.3 98.3 96.7 98.8 96.7 98.8 GF 250ft 31.3 200ft 31.7 86.3 96.3 96.3 96.7 96.7 96.7 96.7 96.7 97.5 98.8 6E 55.8 98.3 98.3 98.6 98.6 96.8 98.8 99.6 98.8 180C1 21.7 87.9 92.1 55.8 98.8 98.8 96.8 98.8 98.8 98.8 99.6 15661 31.7 88.3 92.5 56.3 \$7.5 98.8 98.8 98.8 99.2 99.2 99.2 95.2 99.2 99.2 99.2 100.0 100 .D 15061 21.7 88.3 57.5 57.5 57.5 98.8 98.8 98.8 56.3 56.3 56.3 98.8 98.8 98.8 98.8 98.8 98.8 99.2 99.2 99.2 99.2 100.0 GE 100C1 31.7 92.5 99.2 95.2 99.2 86.3 99.2 €E 906 31.7 806 21.7 88.3 92.5 99.2 99.2 99.2 99.2 99.2 100.0 95.2 GE 92.5 92.5 57.5 98.8 100.0 56.3 98.8 100.0 GE SDC1 21.7 88.3 92.5 56.3 57.5 98.8 98.8 98-8 99.2 99.2 99.2 95.2 99.2 99.2 99.2 100.0 92.5 56.3 56.3 57.5 57.5 98.8 98.8 98.8 99.2 99.2 99.2 99.2 95.2 95.2 99.2 99.2 99.2 99.2 100.0 4BC1 31.7 88.3 GE 30 C| 21.7 99.2 99.2 99.2 99.2 99.2 2001 31.7 1001 31.7 92.5 57.5 57.5 98.8 99.2 99.2 99.2 95.2 99 . 2 99 . 2 GE 98.8 98.8 99.2 10C-0 98-8 96.8

TOTAL NUMBER OF COSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION	i Ni	1 8384U	16453[STATI	CA NAME:	GELA	ITALY					PEPIOO	OF PEC	DRD: 78	-87		
													MONTH	: AFR	HOURS	ILSTI: (3600-86	CG
			• • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	•• • • • • •						• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••••
	LINE										HUNDRED!							
	N	•	61	GE	6 E	6E	38	GE	6£	EE 24	GE	GE.	GE	Œ	G E	GE	GE	6 E
	ET	ł	160	90	28	60	48	40	32		20	16	12	10	9	5	4	U
•••	••••	•••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••
40	CFI		18.4	56.6	60.1	63.9	64 .6	65.3	65.3	65.6	66.0	66.0	66.0	66.B	66.0	66.3	66.7	66.7
	•	•		3000	••••	.,,,		03.3	03.5	43.0				0 110				••••
GF	2000	13	19.1	61.1	64.6	69.1	69.8	70.5	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9
			19.1	61.1	64.6	69.1	69.8	70.5	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9
			19.1	61.1	64.6	69.1	69.8	70.5	70.5	7C.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9
6E	1400	ci	19.1	61.1	64.6	69.1	69.8	70.5	70.5	70.8	71.2	71.2	71.2	71.2	71.2	71.5	71.9	71.9
GΕ	1200	ci	19.4	61.8	65.3	69.8	70.5	71.2	71.2	71.5	71.9	71.9	71-9	71.9	71.9	72.2	72.6	72.6
									-									
GE			20.5	69.8	74.7	79.2	19.9	86.6	80.6	86.9	81.3	81.3	81.3	81.3	81.3	81.6	81.9	81.9
GE			21.2	76.4	81.6	86 - 1	£7.2	88.2	88.2	88.5	88.9	89.2	89.2	89.2	89.2	89.6	89,9	89.9
GE			21.9	78.1	83.3	87.8	28.9	8 9. 9	89.9	96.3	90.6	91.0	91.0	91.0	91.0	91.3	91.7	91.7
6€			21.9	78.1	83.3	87 . B	EB . 9	89.9	89.9	90.3	90.6	91.0	91.0	91.0	91.0	91.3	91.7	91.7
GE	600	101	21.9	78.1	83.3	87.8	£8.9	89.9	89.9	90.3	90.6	91.0	91.0	91.0	91.0	91.3	91.7	91.7
	_															_		
GE			21.9	79.2	64 .4	88.9	£9.9	91.0	91.0	91.3	91.7	92 • D	92.0	92.0	92.0	92.4	92.7	92.7
GE			21.9	79.2	84.4	88.9	89.9	91.0	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.4	92.7	92.7
6E			21.9	79.2	84.4	68.9	69.9	91.0	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.4	92.7	92.7
99 30			21.9 21.9	79.5 80.9	84.7 86.1	29.2	50 . 3	91.3	91.3	91.7 93.1	92.0 93.4	92 • 4 93 • 8	92.4 93.8	92.4 91.8	92.4	92.7	93.1	93.1 94.4
UE	SUL	rı	21.9	66.9	86.1	50 .6	51.7	92.7	92.7	4 3.0 1	73.4	73.0	73.0	Y 2.5	93.8	94.1	94.4	74.4
GE	251	61	21.9	81.6	87.5	\$2.7	53.B	94.8	94.8	95.1	95.5	95.8	95.8	95.8	95.8	96.2	96.5	96.5
68			21.9	83.0	89.2	54.4	55.5	96.9	96.9	97.2	97.6	97.9	97.9	97.9	97.9	98.3	98.6	98.6
GE			21.9	83.U	89.6	54 . 8	55.8	97.2	97.2	97.6	97.9	98.3	95.3	98.3	94.3	98.6	99.0	99.0
ĞÊ			21.9	83.0	89.6	54 . 8	55.8	97.6	97.6	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.3	99.3
G€			21.9	83.0	89 16	54 . 8	55.0	97.6	97.6	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.3	99.3
	•-•			00	• • • •							• • •						,,,,,
GE	100	13	21.9	03.0	89.9	55.1	56.2	97.9	97.9	98.3	98.6	99.D	99.0	95.0	99.0	99.3	99.7	99.7
€E	90	101	21.9	83.0	89.9	55.1	56.2	97.9	97.9	98.3	98.6	99.0	99.0	95.0	99.0	99.3	99.7	99.7
G€	80	CI	21.9	83.0	89.9	95.1	56.2	97.9	97.9	98.3	98.6	99.0	99.0	95.0	99.0	99.3	99.7	99.7
GĒ	76	i C i	21.9	83.0	89.9	55.1	56.2	97.9	97.9	98.3	98.6	99.0	99.0	95.0	99.0	99.3	99.7	99.7
GΕ	66	13	21.9	83.0	89.9	55.1	56 .2	97.9	97.9	98.3	98.6	99.0	99.0	95.0	99.0	99.3	99.7	99.7
GE			21.9	83.0	89.9	55.1	56.2	97.9	97.9	98.3	98.6	99.0	99.0	95.D	99.0	99.3	99.7	99.7
GĒ			21.9	83.0	89.9	55.1	56.2	97.9	97.9	98.3	98.6	99.0	99.0	95.0	99.B	99.3	99.7	99.7
GΕ			ž1.9	83.0	89.9	\$5.1	56.2	97.9	97.9	94.3	98.6	99.0	99.0	95.0	99.0	99.3	99.7	99.7
GE			21.9	P3.0	89.9	55.1	56 .2	97.9	97.9	90.3	98.6	99.0	99.0	95.0	99.0	99.3	99.7	99.7
GE	16	CI	21.9	B3.0	89.9	55.1	56.2	97.9	97.9	98.3	98 • 6	99.0	99.0	95.0	99.8	99.3	99.7	99.7
		- 1	21.9											0.5				100.0
GE				83.0	89.9	55.1	56.2	97.9	97.9	98.3	98.6	99.0	99.0	95.0	99.0	99.3	44.1	100.0
•••		•••	• • • • • •	• • • • • • • •				** * * * * *				• • • • • • •				•••••		

TOTAL NUMBER OF COSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STA	TION	NUPBER :	16453C	STATE	OR NAME:	GELA	ITALY					PERIOD	OF REC	ORD: 78	-8 7		
												MONTH	: AFP	HOURS	(LST):	0900-11	00
		• • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •				• • • • • •		•••••	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
	LING									HUNDREDS							
	N	67	96	6 E	39	6E	6E _	6 E	SE	6£	6E	6E	EE	GE.	Gr	GE _	GE
	E 7	l 160	90	60	60	48	40	32	24	20	16	12	10	8	5	4	O
•••	••••	••••••	• • • • • • •		•••••	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • •	•••••	•••••	• • • • • • •	•••••	•••••	••••
NO	CEIL	1 23.0	59.9	62.7	64.5	64.8	65.9	65.9	65.9	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6
GΕ	20000	1 23.7	63.4	66.9	69.0	69.3	70.4	70.4	76.4	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1
GE	18000	1 23.7	63.4	66.9	69.0	£9.3	70.4	70 - 4	70.4	70.7	70.7	71.1	71-1	71.1	71.1	71 - 1	71.2
€E	16000	1 23.7	63.4	66.9	69.0	69.3	70.4	70.4	70.4	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1
6E	14000	1 23.7	63.4	66.9	69.0	69.3	70.4	70.4	70.4	70.7	70.7	71-1	71.1	71.1	71.1	71 - 1	71.1
БĒ	1 200 0	1 24.0	63.0	67.2	£9.7	70.0	71-1	71 - 1	71.1	71.4	71.4	71 -6	71.6	71.8	71.8	71.8	71.8
GE	10000	25.4	72.8	78.0	£1.2	£1.9	83.3	83.3	83.3	83.6	#3.6	84.0	84.0	84.0	84.0	84 . D	84.0
GE		1 26.5	60.8	86.8	50.2	\$0.9	92.7	92.7	92.7	93.0	93.0	93.4	92.4	93.4	93.4	93.4	93.4
39		1 26.5	80.8	86.8	\$0.2	50.9	92.7	92.7	92.7	93.0	93.0	93.4	91.4	93.4	93.4	93.4	93.4
GE	7000	1 26.5	80.8	86.8	50.2	50.9	92.7	92.7	92.7	93.0	93.D	93.4	93.4	93.4	93.4	93.4	93.4
GE	600 E	1 26.5	80.8	86.8	\$0.2	50.9	92.7	92.7	92.7	93.0	93.0	93.4	92.4	93.4	93.4	93.4	93.4
ΘE	5000	1 26-5	81.5	87.5	50.9	51.6	93.4	93.4	93.4	93.7	93.7	94 - 1	94.1	94.1	94.1	94 - 1	94.1
GE	4500	1 26.5	81.9	87.8	51.3	\$2.0	93.7	93.7	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE	4000	1 26.5	81.9	87.8	51.3	52.0	93.7	93.7	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE	3500	1 26.5	82.2	88.2	51.6	52.3	94.1	99.1	94.1	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8
GE		1 26.5	83.3	89.2	52.7	53.4	95.1	95.1	95.1	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8
38	2500	1 27.2	85.0	90.9	59.4	55 - 1	97.2	97.2	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
38		1 27.5	86.4	92.3	56.2	56.9	99.0	99.0	95.0	99.3	99.3	99.7	95.7	99.7	99.7	99.7	99.7
33		27.5	86.9	92.3	56.2	56.9	99.0	99.0	99.0	99.3	99.3	99.7	95.7	99.7	99.7	99.7	99.7
GE	1500	1 27.9	86.8	92.7	56.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE		1 27.9	86.8	92.7	56.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	196.0	100.0	100.0	100.0	100.0
GE	1000	1 27.9	86.8	92.7	96.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100-0	100.0	100.0
GE	900	1 27.9	86.8	92.7	56.5	57.2	99.3	99.3	99.3	99.7	99.7	105.0	100.0	100.D	100.0	100.0	100.0
GE	800	27.9	86.8	92.7	56.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	1 27.9	86.8	92.7	56.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
G€		1 27.9	86.8	92.7	\$6.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	500	1 27.9	86.8	92.7	\$6.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100-0	100.0	100.0	100.0
GE		1 27.9	86.8	92.7	\$6.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100-0	100.0	100.0	100.0	100.0
GÈ		27.9	86.8	92.7	56.5	57.2	99.3	99.3	99.3	89.7	99.7	100.0	100.0	100.0	100.0	160.0	100.0
GE		1 27.9	86.8	92.7	56.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
6Ē		1 27.9	86.8	92.7	\$6.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100 · D	100.0	100.0	100.0
GE	C	1 27.9	86.8	92.7	\$6.5	57.2	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 28

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOLRLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: AFR HOURS(LST): 1200-1400 CE IL ING VISIBILITY IN HUNDREDS OF METERS 6 E GE. GΕ EF GE GE 6 Ł GE FEET | 160 60 90 80 **9**D 24 16 10 σ NO CEIL | 22.8 60.0 62.5 £3.2 63.2 63.2 43.7 63.2 63.5 61.5 63.2 63.2 6E 2000E1 23.2 63.5 67.0 £8.4 68.4 68.4 68.4 68.4 68.4 68.4 68.8 69.1 69.1 66.8 GE 1800C1 23.2 GE 1600C1 23.2 63.5 67.0 67.0 £8.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.8 68.8 68.8 69.1 69.1 69.1 69.1 63.5 1400 CT 68.4 68.6 68.4 23.2 63.5 67.0 68.4 68.4 68.4 68.4 68.8 6.36 8.84 69.1 65.1 GE 1200C1 23.2 65.1 69.5 69.5 68.8 69.1 1000Cl 25.6 74.0 78.2 £0.0 80.4 60.4 £n.4 80.4 80.4 80.4 80.7 8[.7 80 - 7 81.1 81.1 A 1 .1 900C1 27.4 830C1 27.4 £9.5 87.8 87.4 89 . 1 89 . 5 89.5 89.5 89.5 89.5 89.5 89.8 85.8 89.8 90.2 90.2 90.2 GĒ 89.8 89.8 90.2 89.8 90.2 90.2 90.5 90.5 89.8 70001 E9 . 8 89.8 90.2 91.2 90.2 89.8 89.8 99.5 90.5 90.5 £9.5 £9 . 8 90.2 6F 500C1 27.4 83.9 ... 50.2 50.5 90.5 90.5 90.5 90.5 90.5 90.9 96.9 90.9 450G1 27.4 400C1 27.7 83.9 88.4 50 • 5 50 • 9 90.5 90.9 90.5 90.5 90.9 90.9 90.9 91.2 90.9 91.2 91.2 91.2 91.2 50-2 90.5 90.5 84.2 GE 50.5 90.9 90.9 91.6 \$1.2 \$3.7 91.2 350 CL 28-1 84.6 80.1 50.9 91.2 91.2 91.9 94.0 94.0 94 . 4 **6**€ 25001 28.8 89.1 93.7 96.1 97.5 97.9 95.4 56.8 96.5 96-1 96.1 96.1 96.1 96.5 94.5 R . A 9 9 - 40 94.8 2000 29.1 1800 29.1 90.5 90.5 95.1 57.2 57.5 97.5 91.5 \$6.8 \$7.2 97.5 97.9 98.2 97.9 98.2 98.6 97.9 97.5 97.9 98.2 98.2 98.2 96.2 08.6 98.6 150Cl 29.1 БĒ 90.9 98.2 98.2 98.2 98.2 98.6 98.9 ... 98.9 GĚ 90.9 98.2 98.2 GE 100Cl 29.1 98.6 91.2 96.1 57.9 \$8.2 98.6 98 - 9 98.9 99.3 95.3 99.3 99.6 99.6 98.9 90C| 29.1 91.2 96.1 96.1 58 .2 58 .2 98.6 98.6 98.6 98.9 98.9 98.9 98.9 98.9 98.9 99.3 99.3 99.6 57.9 95.3 95.3 99.6 99.6 80C1 29.1 70C1 29.1 91.2 57.9 99.6 99.6 GĘ 91.2 96.1 \$7.9 58.2 98.6 98.6 98.9 98.9 98.9 99.3 99.3 99.6 96.1 58.2 98.6 98.6 98.9 98.9 98.9 99.3 95.3 99.3 99.6 99.6 50C1 29.1 4GG1 29.1 30C1 29.1 20C1 29.1 96.1 98.6 98.6 58.2 98.9 98.9 98.9 98.9 98.9 99.3 ٠5.3 99.1 99.6 99.6 99.6 95.3 91.2 96.1 57.9 58.2 99.3 99.3 99.6 99.6 99.6 GĘ 91.2 96.1 57.9 58.2 98.6 98.6 98.9 98.9 98.9 99.3 99.6 99.6 96.1 98.9 9.6 \$8.2 98.6 98.6 98.9 98.9 99.3 99.3 99.6 95.3 99.6 98.6 1001 29-1 GE 91.2 96.1 \$7.9 98.9

TOTAL NUMBER OF OBSERVATIONS: 285

91.6

96.5

SR . 2

SR.6

9.40

98.9

95.3

99.3

99.3

99.6

95.6

100.0

100.0 100.0

GE

E1 29.1

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION	N	JPBER:	164530	STATE	OR NAME:	GELA	ITALY					PERIOD	OF REC	ORD: 78	-87		
														: AFR		(LST):		000
	LING			• • • • • • •	•••••	• • • • • • • •		•••••	VISIGIL	ITY IN	HUNDRED:	S OF ME	TERS	• • • • • • •	• • • • • • •			• • • • • • • • • • • •
	N		GI	GE	Gξ	GΕ	G€	GΕ	GΕ	EΕ	Gξ	GE	66	EE	GE	GE	GE	GE
_			160	90	80	60	48	40	32	24	50	16	12	10	8	5	4	0
•••	••••	•••	• • • • • •	• • • • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	• • • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	*********
NO	CEIL	3	23.7	57.1	59.9	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3
G€	2006	cı	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	58.3	68.3	68.3	68.3	68.3
GE	1800	C I	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3
GE	1600	Сĺ	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	68.3	68.3	68.3
G€	1400	CI	24.7	62.4	66.2	66.9	67.2	67.2	67.2	67.6	67.6	67.6	68.3	68.3	68.3	69.3	68.3	66.3
G€	1 200	C I	25.1	63.4	67.6	68.3	18.6	68.6	68.6	69.0	69.0	69.0	69.7	65.7	69.7	69.7	69.7	69.7
bΕ	1050	C J	27.2	72.8	77.7	19.1	19.4	79.4	79.4	79.8	79.8	79.8	80.5	8 C . 5	80.5	PO.5	80.5	e C . S
ΘĒ	900	C I	28.6	80.8	86.8	88.9	E9.5	89.5	89.5	89.9	89.9	89.9	90.6	96.6	90.6	90.6	90.6	96.8
G€	800	c١	28.9	81.2	87.1	£9.2	£9.9	89.9	89.9	90.2	90.2	90 • 2	90.9	96.9	90.9	90.9	90.9	90.9
Ģ€	700	Cl	28.9	81.2	87.1	89.2	69.9	89.9	89.9	96.2	90.2	90.2	90.9	9[.9	90.9	90.9	90.9	96.9
GE	600	СI	28.9	81-2	87.1	89.7	E9.9	89.9	89.9	90.2	90.2	90 <i>- 2</i>	90.9	90.9	90.9	90.9	90.9	90.9
6€	500	cŧ	25.9	81.9	87.8	89.9	5D .6	90.6	90.6	90.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6
G€	450	εl	28.9	81.9	87.8	89.9	50 , 6	96.6	90.6	96.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6
G€	400	٤١	28.9	81.9	87.8	89.9	50.6	96.6	90.6	96.9	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6
GE	350	C J	28.9	82.2	88.2	50.2	50.9	90.9	90.9	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
GE	300	٤١	29.3	84.3	90.6	52.7	53.4	93.4	93.4	93.7	93.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4
GE	256	cl	29.6	86.4	93.4	55.5	56.2	96.2	96.2	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2	91,2
6E	20 p	ci	29.6	68.5	95.5	57.6	58.3	98.3	98.3	98.6	98.6	98.6	99.3	95.3	99.3	99.3	99.3	99.3
GE	180	ĬĬ	29.6	88.9	95.8	57.9	58.6	96.6	98.6	99.0	99.0	99.0	99.7	95.7	99.7	99.7	99.7	99.7
G€	150	cŁ	29.6	88.9	95.8	57.9	98 .6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	120	נו	29.6	88.9	95.8	57.9	58 •6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	160.0	100.0
6E	100	el	29.6	88.9	95.8	57.9	58 -6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	i00.i
GE	90	C į	29.6	88.9	95.8	57.9	\$8.6	98.6	98.6	99.3	99.3	99.3	100.0			100.0	100.0	100.0
GE	03	CI	29.6	86.9	95.8	57.9	58.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100-0	100.0	100.0
GE	70	C Í	29.6	88.9	95.8	57.9	58 . 6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
ĢE	60	C I	29.6	58.9	95.8	57.9	58 -6	98-6	98.6	99.3	99.3	99.3	100.0	100-0	100.0	100-0	100.0	100.0
G E	50	C I	29.6	88.9	95.8	57.9	58.6	9 . 5	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE	4 B	C J	29.6	88.9	95.8	57.9	58.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	30	C I	29.6	88.9	95.8	57.9	\$8.6	98.6	98.6	99.3	99.3	09.3	100.0	100.0	100.0	100.0	100.0	100.0
GE	20	c١	29.6	88.9	95.8	57.9	58.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0		100.0	100.0	100.0
6 E	10	Cİ	29.6	88.9	95.8	57.9	58 .6	96.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
G€		c i	29.6	86-9	95.8	57.9	SR .6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100-0	100.0	100.0
•••	• • • •	•••		• • • • • • • • •					• • • • • • • •		•••••			•••••				

TOTAL NUMBER OF CHSERVATIONS: 267

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY F_{ROM} HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
HONTH: AFR HOURSILSTE: 1800-2000

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CE IL ING	• • • • • • •	•••••	•••••	•••••				HUNDRED!			•••••	• • • • • • •	• • • • • • •	• • • • • •	••••
IN GT	GE	GE	GE	6E	GE	GŁ	GE	GE	GE	GE	33	GE	6E	GE	GE
FEET 160	90	99	60	46	48	32	24	20	16	12	10	B	5	•	0
************	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••
NO CEIL 1 20.9	\$8.2	61.6	63.0	63.4	63,7	63.7	63.7	63.7	63.7	64.0	64.B	64.4	64.4	64.4	64.4
GE 2000CJ 21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	76.2	70.5	79.5	70.5	70.5

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 78-67 HONTH: AFR HOURS(LST): 1500-1700 VISIBILITY IN MUNDREDS OF METERS
GE GF CE IL ING 61 6 E EΕ 6E 32 GΕ FEET 1 160 24 943 60 90 20 16 12 10 5 en. 48 a NO CETL 1 23.7 57-1 €8.6 60.6 66.6 60.6 61.0 61.0 61.3 67.2 GE 2000 C1 24.7 66.9 67.2 68.3 67.2 67.2 68.3 GE 1800C1 24.7 GE 1600C1 24.7 62.4 66.2 67.6 66 - 9 67.2 67.2 67.6 67.6 68.3 68.3 68.3 68.3 68.3 68.3 66.9 67.2 67.2 67.6 67.6 68.3 68.3 67.2 64.3 68.3 68.3 140061 24.7 GE 1200C1 25-1 63.4 67.6 £8.3 £8.6 68.6 68.6 69.0 69.0 69.7 69.7 69.7 69.7 GE 1000C1 27.2 72.8 77.7 79.1 79.4 79.4 79.4 79.8 79.8 79.8 80.5 BC.S 80.5 AD. 5 89.5 80.5 90001 28.6 80001 28.9 70001 28.9 89.5 89.9 89.9 89.9 89.9 90.6 90.6 90.6 89.5 89.5 89.9 80.8 86.8 28.9 90.6 90.6 90.6 81.2 89.Z GE 87.1 89.9 9G.2 90.2 90.2 96.9 90.9 98.9 90.9 90.9 87.1 89.9 89.9 90.2 90.2 90.2 90.9 90.9 90.9 GΕ 9[.9 90.9 90.9 GE SCOC1 28.9 81.9 87.8 89.9 50 **-**6 90.6 90.6 90.9 90.9 90.9 91.6 91.6 50.6 50.6 450C1 28.9 40001 28.9 81.9 87.8 87.8 89.9 89.9 90.6 90.6 90.9 90.9 90.9 90.9 GΕ 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 ψĒ GE 350C| 28.9 300C| 29.3 82.2 88.2 90.2 \$0.9 90.9 90.9 91.3 93.7 91.3 91.3 92.0 92.0 92.0 92.0 92.0 84.3 90.6 52.1 53.4 93.4 93.4 93.7 93.7 94.4 94.4 94 . . 94.4 25001 29.6 96.2 98.3 98.6 97.2 97.2 97.2 GE 86.4 93.4 55.5 56.2 96.2 96.5 96.5 97.2 97.2 96.5 97.2 200C1 29.6 180C1 29.6 88.5 95.5 58.3 58.6 98.3 98.6 98.6 99.0 99.3 98 • 6 99 • D 98.6 99.₀ 99.3 99.3 57.6 99.3 99.3 99.7 100.0 100.0 99.1 99.7 G€ 95.7 99.7 98.6 Œ 100.0 100.0 100.0 12001 29.6 GE 88.9 95.8 57.9 58 .6 98.6 98.6 99.3 99.3 99.3 100.0 10C.0 100.0 100.0 100.0 99.3 99.3 99.3 GE 100El 29.6 88.9 95.8 67.9 58.6 98.6 98.6 99.3 99.3 100-0 100.0 100.0 100.0 100.0 100.0 98.6 98.6 100.0 9001 29.6 88.9 95.8 58.6 99.3 99.3 99.3 99.3 100.0 100.0 57.9 10C.0 GĒ 100-0 99.3 6001 .29.6 88.9 95.8 57.9 58 .6 98.6 100.0 100.0 100.0 100.0 100.0 100.0 GE 70C1 29.6 ... 95.8 \$7.9 98.6 98.6 98.6 99.3 100.0 100.0 100.0 100.0 100.0 98-6 100.0 100.0 100.0 58 .6 6E 50Cl 29.6 88.9 95.8 57.9 58.6 98.6 98.6 99.3 99.3 100.0 100.0 100.0 99.3 100.0 100.0 99.3 99.3 99.3 ĿΕ 4DD1 29.6 88.9 95.8 57.9 58.6 98.6 98.6 99.3 99.3 100.0 100.0 100.0 100.0 100.0 100.0 GE 30C1 29.6 88.9 95.8 57.9 58.6 98.6 98.6 99.3 99.3 99.3 100.0 10C.D 100.0 100.0 100.0 100.0 57.9 97.9 100.0 100.0 100.0 1001 29.6 100.0 GΕ 66.9 95.8 58 -6 98.6 98.6 99.3 99.3 99.3 100.0 100.0 100.0 100.0 GE CI 29.6 88.9 75.8 57.9 58.6 98.6 98.6 99.3 99.3 99.3 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF CASERVATIONS: 287

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 16453C STATION MANE: GELA ITALY

••	~	•••																	
													HONTH	: AFR	HOURS	(LST):	1800-20	100	
	*****	•••	• • • • • •	• • • • • •	•••••	•••••	• • • • •	•••••		**************************************	HUNDRED			• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••	•••
	IL ING			**						GE GE	MONUNEU GE	GE GE	GE IFM2	6.6	66	GE	GE	GE	
	ÉÉT	- 1	6T 16D	6E 90	6 E	6E 60	GE	GE	6E 32	24	50	16	12	10	8				
•	LLI	•	100	70	80	60	48	• 0	32	24	20	10	12	10	•	5	4	O	
••	••••	•••	*****	• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	•••••	•••••	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• •
NO	CEIL	1	20.9	58.2	61.6	63.D	63.4	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.4	64.4	64.4	64.4	
_									•22.										
	2000			63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.5	70.5	70.5	70.5	
	1800			63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	76.2	70.5	70.5	70.5	70.5	
GΕ	1600	t i	21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.5	70.5	70.5	7 Q •5	
GE	1400	Cl	21.9	63.4	67.1	69.2	69.5	69.9	69.9	69.9	69.9	69.9	70.2	76.2	70.5	70.5	70.5	70.5	
GΕ	1200	CI	21.9	65.1	68.8	70.9	71.6	71.9	71.9	71.9	71.9	71.9	72.3	72.3	72.6	72.6	72.6	72.6	
	1 000			74.7	78.8	81.2		82.5	82.5	82.5	82.5	92.5	82.9	82.9			83.2	83.2	
6£			25.7				81.8					91.4			83.2 92.1	83.2			
			25.7	81.8	86.6	89.7	90.8	91.4	91.4	91.4	91.4		91.8	91.8		92.5	92.5	92.5 92.5	
ee.				81.8	86.6	89.7	50.8	91.4	91.4	91.4	91.4	91.4	91.8	91.8	92 • 1	92.5 92.5	92.5		
GE			25.7 25.7	81.8	86.6	89.7	50.8	91.4	91.4	91.4	91.4	91.4	91.8	91.B	92.1		92.5 92.5	92.5 92.5	
GE	-00	.,	4301	61.4	86.6	89.7	50.8	91.4	91.4	91.4	91.4	91-4	91.8	91.8	92 • 1	92.5	44.5	92.5	
GE	500	c 1	25-7	82.5	87.3	90.4	51.4	92.1	92-1	92.1	92.1	92.1	92.5	92.5	92.8	93.2	93.2	93.2	
GE	450	C F	25.7	82.5	87.3	50.4	53 -4	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.8	93.2	93.2	93.2	
GE	400	CI	25.7	82.5	87.3	90.4	51 .4	92.1	92 - 1	92-1	92.1	92.1	92.5	92.5	92.8	93.2	93.2	93.2	
GE	350	C ŧ	25.7	82.9	87.7	90.8	51.8	92.5	92.5	92.5	92.5	92.5	92.8	92.8	93-2	93.5	93.5	93.5	
6€	300	0 j	26.4	84-6	89.4	\$2.5	53.5	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.9	95.2	95.2	95.2	
GE			26.4	85.6	90.8	53.8	54.9	95.5	95.5	95.5	95.5	95.5	95.9	95.9	96.2	96.6	96.6	96.6	
GE			26.4	87.7	92.8 93.2	55.9	57.3	97.9	97.9	97.9	97.9	97.9	98.3	98.3 98.6	98.6 99.0	99.G 99.3	99.0 99.3	99.0 99.3	
6E			26.4	88.0		96.2	57.6	98.3	98.3	98.3	98.3	98.3	98.6						
GE			26-4	88.0	93.2	\$6.2	97.6	98.3	98.3	98.3	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	
6E	120	CI	26.4	88-0	93.2	56 • 2	97 -6	98.3	98.3	98.3	98.3	98.3	98.6	98.6	99.0	99.3	99.3	99.3	
GE	100	cl	26.4	88.4	93.5	96.6	57.9	98-6	98 - 6	98.6	98.6	98.6	99.0	95.0	99.3	99.7	99.7	99.7	
GΕ	90	c1	26.4	88.4	93.5	56.6	97.9	98.6	98.6	98.6	98.6	98.6	99.0	95.0	99.3	99.7	99.7	99.7	
GE	60	Cl	26.4	88.4	93.5	56.6	57.9	98.6	98.6	98.6	98.6	98.6	99.0	95.0	99.3	99.7	99.7	99.7	
GΕ	70	13	26.4	88.4	93.5	56.6	57.9	98.6	98.6	98.6	98.6	98.6	99.0	95.0	99.3	99.7	99.7	99.7	
еE	60	CÌ	26.4	88.4	93.5	56.6	57.9	98.6	98 . 6	98.6	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	
6E	8.0	. 1	26.4	88.4	93.5	56.6	57.9	00.4			98.6	98.6	99.0	95.0	99.3	99.7	99,7	99.7	
								98.6	98.6	98.6							99.7		
GE GE			26.4	88.4	93.5 93.5	56.6	57.9	78.4	98.6	98.6	98.6 98.6	98.6 98.6	99.0 99.0	95.0 95.0	99.3 99.3	99.7	99.7	99.7 99.7	
GE			26.4			56.6 56.6	57.9	96-6	98.6	98.6	98.6	98.6	99.0	95.0	99.3	99.7 99.7	99.7	99.7	
GE			26.4	88.4 88.4	93.5		57.9	98.6	98.6	98.6			99.0	95.0	99.3	99.7	99.7	99.7	
υŧ	10		26.4	00.4	93.5	56.6	57.9	98-6	98 - 6	98.6	98.6	98.6	***()	77.0	77.3	77./	77.1	77.1	
GF		c I	26.8	88.0	2.50	4.42	67.0	98.4	98.4	98 6	98.4	00.6	99.0	96.5	99.3	99.7	04.7	100.0	

TOTAL NUMBER OF CBSERVATIONS: 292

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87

- ·		-	FOLM .	104336	31811	,, 4805;	966 4						MONTH				2100-23	00
			••••	• • • • • • •		• • • • • • • •		•••••	VISTBIL					•••••	• • • • • • •	•••••	• • • • • •	
	L ING		_					GE	QE A12181F	GE GE	MUNUKEU: GE	GE	GE	€€	6E	GE	GE	GE
1		•	61	6E	68	GE.	G E 48	• D	32-	24	50	16	12	10	7.8	5	ŭ-4	0
FE	ΕŦ	ı	160	90	80	60	48	70	36-		20		- <u>`</u>				• • • • • •	
•••	• • • •	•••	****	• • • • • • • •			• • • • • •	•••••	• • • • • • •	•••••			••••		• • • • • • • • • • • • • • • • • • • •	•		
	CE 11		20.3	69.7	72.3	75.3	15 .7	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
NU	CEIL	•	20.3	0741	1243	1303	•••		,,,,,	••••		. •						
C.E.	2000	nt	30.7	70.8	74.2	17.2	17.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	1800		30.7	70.8	74.2	77.2	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	74.3	78.3	76.3
	1600		30.7	70.8	74 .2	17.2	77.5	77.9	77.9	78.3	78.3	78.3	79.3	78.3	78.3	78.3	78.3	76.3
			30.7	70.8	74.2	77.2	77.5	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	76.3
			31.1	71.5	74.9	77.9	78 . 3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
~	0																	
GE.	1000	13	12.2	79.0	82.4	25.4	66.1	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
6Ē			33.7	85.4	88.8	52.5	53.3	94.0	94 -0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GĒ	800		14.1	86.1	89.5	53.3	54.4	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
6E			24 . 1	86.1	89.5	53.3	54 .4	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
σĒ			24 - 2	86.1	89.5	93.3	54.4	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
-			_															
6E	500	13	24.1	86.5	89.9	93.6	54 . 8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
6E			34.1	86.5	89.9	93.6	54 -8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GΕ	400	cl	34 - 1	86.5	89.9	53.6	54 .8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GΕ	350	C I	34.1	86.5	89.9	53.6	59 .8	95.5	95.5	95.9	95.9	95 • 9	95.9	95.9	95.9	95.9	95.9	95.9
GE	300	CI	34.5	87.6	71.4	55.1	56.3	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	-																	1.89
G€	250	IC!	34.8	88.0	91.8	\$5.9	57.D	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.6
GΕ	200	101	34 . 8	89.1	92.9	\$7.D	98 . 5	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6 99.6	99.6
GΕ	180	lg i	34.8	89.1	92.9	97.0	58 .5	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100 ·n
GE	150	Cl	34.8	69.5	93.3	57.4	58 . 9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	120	101	34.8	89.5	93.3	57.4	58.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
													100.0	100.0	100.0	100.0	100.0	100.0
GĒ			34.8	89.5	93.3	57.4	58 • 9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E			34.8	69.5	93.3	57.4	58.9	99.6	99.6	100-0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
GE			34 . 8	89.5	93.3	57.4	58.9	99.6	99.6	100.0	100.0	100.0	100.0		100.0	100.0	160.0	100.0
€E			34.8	89.5	93.3	57.4	58.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	60	CI	34.8	89.5	93.3	57.4	98.9	99.6	99.6	100-0	100.0	100.0	100.0	10	10010	1 ./0+0	100.0	10010
											100.0	100.0	100.0	106-0	100.D	100.0	190.0	100.0
ΘĒ			34.8	89.5	93.3	57.4	58.9	99.6	99.6	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
GΕ			14.8	89.5	93.3	57.4	58.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			14.8	89.5	93.3	57.4	58.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			39.8	89.5	93.3	57.4	58.9	99.6 99.6	99.6 99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
€E	10	3 C 1	34.8	#9.5	93.3	57.4	58 - 9	77.6	77.0	100.0	* 00 • 0	*00.0	100,00			• • • •		
						57.4	58.9	99.6	99.6	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
GΕ		1,1	34.8	89.5	93.3	71.4	30 67	77.0	77.6	10000	10010							

TOTAL NUMBER OF CESERVATIONS: 267

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING YERSUS VISIBILITY FROM HOURLY $c_{BS_{\vec{k}}} rvations$

STATION NUMBER: 164530 STATION NAME: GELA ITALY PEPIOD OF RECORD: 78-87 HOURS (LST): HONTH: AFR VISIBILITY IN HUNDREDS OF METERS CEILING 6E 32 GE 24 GE 20 €€ 10 GE 5 6E G E O GE 6 E 6F 6E Œ GE GE GΕ 90 80 48 ٠, 60 16 8 12 NO CEIL | 23.9 62.3 67.3 68.3 68.5 68.6 68.8 68.9 6E 200001 24.6 6E 180001 24.6 72.6 72.6 72.6 71.3 71 .8 72.4 12.7 72.7 72.7 72.7 72.9 72.9 73.1 73.1 73.1 72.4 72.7 72.7 65.5 68.8 71.3 71.8 72.4 72.9 72.9 72.9 72.9 73.0 73.1 73.2 GE 1600 Cl 24.6 65.5 68.8 71.3 71.8 72.4 72.4 73.0 73.1 73.2 73.1 GE 140001 24-6 68.8 65.5 71.3 71 .8 72.4 72.4 72.6 72.7 72.7 72.9 72.9 GE 120001 24.6 72.2 66.3 72.7 73.4 73.4 73.6 73.7 73.7 73.9 73.9 74.0 74 - 1 74.1 GE 1000C| 26.7 79.0 21.9 83.3 75.6 82.5 83.3 83.5 83.6 83.6 91.5 83.8 83.8 83.9 83.9 84.0 84.0 90001 27.9 81.8 86.2 89.4 50.2 91.1 91.1 91.3 91.7 92.0 91.9 91.9 800C1 28.1 700C1 28.1 90 . 0 90 . 0 92.4 82.3 82.3 86.8 50.9 50.9 91.8 91.8 92.1 92.1 92.2 92.4 92.5 92.6 92.7 G€ 91.8 92.0 92.6 92.0 92.6 91.8 600 C 28.1 60.9 92.4 92.4 92.5 93.0 91.0 91.1 91.3 90 • 6 90 • 7 GE 500C1 28.1 82.9 87.4 \$1.5 92.4 92.5 92.7 92.8 93.0 93.2 93.3 92.4 92.5 92.7 450C| 28.1 400C| 28.1 350C| 28.1 87.4 87.5 87.7 93.1 93.1 93.2 93.3 93.5 G€ 92.6 92.6 92.8 92.6 92.8 92.9 93.B 93.1 93.3 93.3 93.3 93.4 82.9 83.0 51.5 90.7 GE 91.5 GE 83.2 51.8 92.7 92.9 94.7 93.0 93.1 93.3 93.4 93.5 93.6 300C1 28.5 95.1 2500| 28.8 2000| 29.1 1800| 29.1 86.2 87.9 87.9 96.4 98.3 96.4 98.3 96.5 98.5 97.0 97.0 96.7 96.8 97.0 97.2 97.2 97.3 92.9 93.0 96 • 3 96 • 5 57 .2 57 .4 98.6 98.9 98.9 99.0 99.1 99.1 99.2 GE 98.7 GE 98.5 98 - 5 98.6 98.9 15BCI 29-1 88.1 93.2 96.7 97.6 GE 12061 29.1 88.1 93.2 98.7 98.7 98.9 99.1 99.4 95.4 99.4 99.5 99.7 100Cl 29.1 93.4 93.4 93.4 93.4 99.6 99.6 99.6 €E 88.2 96.8 57.7 98.8 98.8 99.1 99.3 99.3 99.5 95.5 99.7 99.8 99.9 98.8 90C| 29.1 8uc| 29.1 70C| 29.1 % . 8 % . 8 % . 8 99.7 99.7 88.2 \$7.7 \$7.7 99.3 99.3 99.5 95.5 99.8 99.9 99.1 99.1 98.8 GE 88.2 99.3 99.3 99.5 95.5 88.2 57.7 98.8 99.3 98.8 99.1 99.6 99.7 99.8 95.5 GĒ 40C1 29.1 93.4 GE 50C1 29.1 88.2 93.4 56.8 **57 • 7** 98.8 98.8 99.1 99.3 99.3 99.5 99.5 99.6 99.7 99.8 99.9 4001 29.1 3001 29.1 2001 29.1 88.2 93.4 93.4 56 - 8 56 - 8 \$7.7 \$7.7 98.8 98.8 98.8 98.8 99.3 99.3 99.3 99.3 99.5 99.5 99.5 95.5 99.6 99.6 99.6 99.7 99.8 99.9 GE 99.1 99.1 99.9 GE 88.2 93.4 96 . A \$7.7 98.8 98.8 99.1 99.3 95.5 99.8 1661 29.1 93.4 96.8 99.5 88.2 57.7 98.8 98.8 99.3 99.5 99.6 99.8 99.9 99.1 99.3 99.7 GE CI 29.1 88.3 56.9 57.8 98.9 98.9 99.1 99.3 99.4 99.6 99.6 99.6 99.8 99.8 100.0

TOTAL NUMBER OF GREENVATIONS: 2199

PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: MAY MOURS(LST): 0000-0200 STATION NUPBER: 16453C STATION NAME: GELA ITALY VISIBILITY IN MUNDREDS OF METERS
GE GE GE GE GE CE IL ING IN 1 FEET GE SE EE GE GE 24 1 160 90 60 60 48 90 32 20 16 12 10 a NO CEIL | 25.8 71.4 76.2 79.0 81.7 **£0.2** 81.0 81.3 61.7 81.7 81.7 82.5 6E 2000CI 27.0 73-4 84.5 94.5 84.5 84.5 84.5 84.5 78.6 81.3 82.5 83.3 83.7 84.5 85.3 85.3 83.7 84.1 84.5 85.3 78.6 78.6 84.1 GE 1800 C1 27.0 GE 1600 C1 27.0 73.4 73.4 81.3 42.5 42.5 63.7 63.7 85.3 83.7 84.5 84.5 85.3 81.3 83.3 83.7 85.3 85.3 85.3 6E 1400C1 27.0 GE 1200C1 27.0 73.4 83.7 83.7 84-1 84.5 84.5 78.6 78.6 81.3 22.5 83.3 84.5 84.5 P5.3 65.3 85.3 GE 1000C\$ 28.2 80.2 85.3 68.5 ŧ9.7 9G.9 91.5 91.3 91.7 92.1 92.1 92.9 92.9 92.9 92.1 6E 90001 29.0 80001 29.0 83.3 88.5 91.7 52.9 53.7 94.0 94.4 94.4 95.2 94.8 95.6 95.2 95.2 96.0 95.2 96.0 95.2 96.0 96.0 96.8 96.0 96.8 96.0 96.0 6E 700G[29.0 84.1 89.3 92 .5 94.8 95.2 95.2 95.6 96.0 96.0 96.0 96.8 96.8 6pppl 29.0 GE 84.1 92.5 94.8 96.0 95.2 95.6 96.0 96.0 96.0 96.8 96.8 96.8 6£ 500 C1 29.0 84.1 89.3 92.5 53.7 94.8 95.2 96.8 95.2 95.6 96.0 96.0 96.0 96.0 96.8 96.8 450 cl 29.0 400 0l 29.0 350 Cl 29.0 89.3 89.7 89.7 92.5 94.8 95.2 95.6 96.0 96.0 96.8 96.8 84.1 95.2 96.0 96.0 96.0 96.8 84.5 92.9 95.2 95.2 95.6 96.4 96.4 96.4 96.4 97.2 97.2 97.2 GE 54.0 95.6 54 .D 95.6 95.6 96.0 30001 29-0 85.3 90.5 53.7 59 .8 97.2 97.2 97.2 97.2 98.0 96.0 98.0 2500| 29.4 2000| 29.4 1800| 29.4 92.1 92.1 92.1 98.0 98.0 98.8 99.6 6E 86.9 45.2 56.4 97.6 98.0 98.4 98.8 98.8 98.8 99.6 95 95.2 97.6 98.0 98.8 86.9 96.4 98.6 99.6 99.6 56 .4 98.6 **6E** 86.9 55.2 56.4 97.6 98.0 98.0 98.0 98.4 78.8 98.8 98.8 99.6 92-1 98.0 98.4 98.8 98.8 99.6 150C1 29.4 86.9 95.2 56.4 97-6 98.6 98.8 99.6 99.6 98.8 99.6 GE 100C1 29.4 86.9 92.1 97.6 98.0 98.0 98.4 98.8 94.8 76.8 98.8 99.6 56.4 99.8 GE 9001 29.4 8001 29.4 86.9 92.1 \$5.2 97.6 98.0 98.D 98.4 78 . 8 96.8 99.6 99.6 99.6 92.1 95.2 98.8 98.8 98.8 56.4 99.6 GE GE 98.4 99.6 98.0 98.8 96.6 98.8 99.6 7001 29.4 6001 29.4 98.0 92.8 ĢΕ 92.1 95.2 97.6 98.0 86.9 96.8 98.8 99.6 92.1 92.1 92.1 55.2 55.2 55.2 99.6 99.6 99.6 GE 50G1 29.4 86.9 56 .4 56 .4 97.6 97.6 98.8 98.D 98.4 98.8 98.8 98.8 98.8 98.8 99.6 99.6 4BCI 29.4 30CI 29.4 86.9 98.0 98.0 9R.B 9R.8 9B.B 99.6 98.8 99.6 98.0 98.4 98.4 98.8 98.0 98.0 GE 56.4 97.6 98.8 96.8 98.8 99.6 99.6 92.1 97.6 2001 29.4 1001 29.4 86.9 95.2 56.4 98.0 98.4 98.8 98.8 99.6 99 · 6 98.8 99.6 GE 61 29.4 92.1 99.6 98.0 98 - B 98-0

TOTAL NUMBER OF GESERVATIONS: 252

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOURLY OBSERVATIONS

				-	ON NAME:							MONTH		HOURS	(LSTI:		
::	L ING	•••••	••••••	•••••	• • • • • • •	• • • • • •	•••••	VISIBIL	******			 TEBE	• • • • • • •	• • • • • • •	•••••	•••••	•••••
		I GT	6E	6 E	6E	GE	Œ	GE	EE	GE	6E	GE.	EE	GE	GE	GE	GE
		160	90	90	60	48	40	32	24	20	16	12	10	8	5	4	0
• •	****	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • •		•••••	•••••		• • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • •	
,	CEIL	1 26.5	72.5	76-1	19.4	£0.3	80.3	60.3	80.3	68.7	81.1	31.1	81.1	81.1	81.5	81.5	81.5
	2000.0	1 26.5	72.7	76.9	80 · 3	£1.1	81.1	81.1	81.1	81.5	61.9	82.4	82.4	82.4	82.8	82.8	82.8
		26.5	72.7	76.9	8D.3	ei . i	81.1	81.1	81.1	81.5	81.9	82.4	82.4	82.4	82.8	82.8	82.8
	16000	26.5	72.7	76.9	eO - 3	£1.1	81.1	81.1	81.1	81.5	81.9	82.4	82.4	82.4	82.8	42.8	82.8
	1400 C	1 26.5	72.7	76.9	80.3	€1.1	81.1	81.1	81.1	81.5	61.9	82.4	82.4	82.4	82.8	82.8	82.8
	1 200 C	26.5	73.1	77.3	60.7	61.5	81.5	81.5	81.5	81.9	82 - 4	87.8	82.8	82.8	83.2	63.2	83.2
		27.7	80.3	89.5	87.8	69.1	89.1	89-1	89.1 94.5	89.9	90.3	90.8	9[.8	90.8	91.2	91.2	91.2
		1 28.2	84.9 84.9	89-1 89-1	52.9 52.9	54 - 1 54 - 1	94.1 94.5	94.1 94.5	95.0	95.4 95.8	95.8 96.2	96.2 96.6	96.2 96.6	96.2 96.6	97.1	96.6	96.6
]		1 28.2	84.9	89.1	52.9	54.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	97.1	97.1	97.1
		28.2	84.9	89.1	52.9	59.1	94.5	94.5	95.0	95.B	96.2	96.6	96.6	96.6	97.1	97.1	97.1
•			,	• • • • • • • • • • • • • • • • • • • •	,		, ,,,,	,,,,,	, ,,,,	,,,,	,,,,	,,,,,	,,,,,	,,,,	,	* . • •	, , , ,
	Soc	1 28.2	84.9	89.1	92.9	54 .1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	97.1	97.1	97.1
	450 C	1 28.2	84.9	89.1	92.9	99.1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	97.1	97.1	97.1
E		1 28.2	84.9	89.1	92.9	54 . 1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	97.1	97.1	97.1
E		28.Z	84.9	89.1	52.9	54 . 1	94.5	94.5	95.0	95.8	96.2	96.6	96.6	96.6	97.1	97.1	97.1
E	300 C	1 28.2	85.3	89.5	53.3	54.5	95.D	95.0	95.4	96.2	96.6	97.1	97.1	97.1	97.5	97.5	97.5
Ε	2500	1 28.6	87.0	•••			97.1	97.1	97.5	98.3	98.7	99.2	95.2	99.2	99.6	99.6	99.6
		28.6	87.4	91.6 92.0	55.4 55.8	96 •6 97 •1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
		28.6	87.4	92.0	95.8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
Ē		28.6	87.4	92.0	55.8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100-0	100.0	100.0
E		28.6	87.4	92.0	95 . 8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
	-														•		
E		28.6	87.4	92.C	55.8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
E		28.6	87.4	92.0	55 . 8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
E E		28.6	87.4	92.0	95 . 8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
E E		28.6	87.4	92.0	95 • 8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
•	600	1 28.6	87.4	92.0	55.8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
E	50 C	1 28.6	87.4	92.0	95 . 8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100-0	100.0	100.0
E		28.6	87.4	92.0	95 • B	\$7.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
Ē		28.6	87.4	92.0	95 - 8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0		100.0
E	20 C	78.6	87.4	92-0	95 . 8	97 .1	97.5	97.5	97.9	98.7	99.2	99.6	99.6	99.6	100.0	100.0	100.0
E	100	1 28.6	27.4	92.0	95.8	97.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0
_										_							
	6	28.6	27.4	92.0	55.8	57.1	97.5	97.5	97.9	98.7	99.2	99.6	95.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 238

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATTON NAME: GELA ITALY PERTON OF PECORD: 74-87 MONTH: MAY HOURS(LST): 0600-0600 VISIBILITY IN HUNDREDS OF METERS
GE GE GE GE CE IL ING IN | 31 FEET | 144 Œ GΕ GΕ 33 GΕ B GE 4 G E GE 1 160 90 80 60 48 **4** D 32 24 20 10 NO CEIL | 16-D 60.2 65.0 49.4 69.7 71.8 71.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8 78.9 79.3 79.3 GF 2000G1 16.7 65.0 70.1 74.5 74 . 8 76.9 76.9 77.2 78.9 78.9 78.9 78.9 78.9 78.9 78.9 79.3 75.3 GE 18000 16.7 GE 16000 16.7 70.4 74 . 8 15.2 77.2 65.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.6 79.6 65.3 70 .4 70 .4 74 . 8 75.2 77.2 77.2 79.3 79.3 79.3 79.3 GE 140001 16.7 65.3 74.6 75.2 71.2 77.2 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.5 79.6 80.3 80.3 80.6 GE 1000C| 17.7 73.5 79.9 E4.7 85.0 87. l 87.1 89.1 89.1 89.1 89.1 89.1 85.1 89.1 89.1 89.5 90001 19.4 60001 19.4 70001 19.4 78.6 78.6 78.6 50.5 50.5 50.5 85.0 93.5 93.5 93.5 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.9 GE 51.2 95.6 \$1.2 \$1.2 95.6 GE 85.0 93.5 93.5 95.6 95.6 95.6 95.6 95.6 95.6 600C1 19.4 78.6 85.0 90.5 91.2 93.5 95.6 95.6 95.9 95.6 95.6 95.6 95.6 95.6 85.7 6E 500C1 19.4 79.3 51.2 51.8 94.2 96.3 94.2 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.6 GE GE 45U01 19.4 79.3 85.7 94.2 94.2 96.3 96.3 96.3 51.8 96.3 96.3 96.3 96.3 96.3 96.6 \$1.2 \$1.8 \$1.8 94.2 94 .2 94 .2 96.5 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.6 65 350C1 19-4 79.3 45.7 6E 30001 19.4 79.3 85.7 \$1.2 51.8 94.2 94.2 96.3 25001 19.4 88.1 93.5 93.9 98.6 99.0 98.6 99.0 98.6 99.0 ĜΕ 81.3 \$4.2 96.6 96.6 98.6 98.6 98.6 98.6 GE 200C| 19.4 1800| 19.4 81.6 96.9 54 .6 54 .6 96.9 96.9 99.0 99.0 95.0 99.0 99.6 99.3 38 58 81.6 88.4 53.9 99.0 99.0 99.0 99.0 99.0 99.0 99.3 99.0 99.D 150E1 19.4 53.9 54 -6 96.9 99.0 95.D 95.0 81.6 96.9 99.0 99.Ö 99.0 99.0 99.3 GE 99.0 99.0 99.3 99.0 99.0 61.6 54 .6 54 .6 54 .6 96.9 96.9 GΕ 10001 19.4 88.4 93.9 96.9 99.0 99.0 99.0 99.0 99.0 99.0 95.0 99.0 99.3 GE 9001 19.4 8001 19.4 81.6 93.9 93.9 96.9 96.9 99.0 99.0 99.0 99.0 88.4 99.0 99.0 95.0 99.0 99.0 99.3 9E 6E 88.4 96.9 99.0 99.0 99.0 99.0 99.0 99.0 99.3 95.0 70 C L 19.4 88.4 53.9 99.0 99.0 99.3 60G1 19.4 81.6 88.4 53.9 \$4.6 96.9 96.9 99.n GE 50C1 19.4 81.6 88.4 93.9 96.9 96.9 96.9 96.9 \$4.6 99.0 99.0 99.B 99.B 95.0 99.0 99.0 99.0 99.3 40G1 19.4 30C1 19.4 81.6 88.4 93.9 93.9 \$4.6 96.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 95.0 99.0 99.0 99.3 99.0 99.0 2001 19.4 1001 19.4 59 .6 96.9 99.0 99.0 99.0 99.3 96.9 95.0 99.0 99.3 99.7 ΘE 88.4 54 .6 99.0 99.0 6F rl 19.8 81.6 ... 93.9 96.9 99.0 95.0 99.3 99.3 100.0

TOTAL NUMBER OF OBSERVATIONS: 294

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY FER100 OF PECORD. 78-87 MONTH: MAY HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS GE 5 IN | FEET | 6 E Œ GE GE GE 32 24 GE ŒE GE 6E 20 90 90 60 40 20 10 0 NO CEIL | 19.3 68.8 12.2 12.5 73.2 73.2 74.9 79.0 79.0 6E 2000C1 20-0 67.1 72.9 16.3 76.6 77.3 77.3 78.0 18.6 78.6 78.6 78.6 78.6 78.6 78.6 GE 1800C1 20.0 GE 1600C1 20.0 72.9 72.9 72.9 76.3 76.3 78.6 78.6 78.6 78.6 78.6 78.6 78.6 78.6 78.6 78.6 67.1 76.6 77.3 77.3 78.0 78.6 78.6 76 .6 77.3 77.3 78.0 78.6 79.0 78.6 6E 1400Cl 20.0 78.6 67.1 76.3 76 .6 77.3 77.3 78-0 78.6 78.6 78.6 78.6 78.6 78.6 79.0 1200C1 21.0 61.7 80.7 GE 100001 21.7 GE 90001 23.1 GE 80001 23.4 75.6 82.0 26.4 87.5 87.5 88.8 89.2 66.8 88.1 88.8 88.6 8 . . 8 .8.8 88.8 85.8 79.3 79.7 86.1 86.4 93.6 93.6 90.6 91.2 91.9 91.9 92.9 93.6 93.6 93.6 93.6 93.6 93.9 93.2 \$1.2 91.2 \$1.5 \$1.5 92.2 92.2 93.9 93.9 93.9 93.9 93.9 94.2 70001 23.4 6CD 01 23.4 86.4 91.2 \$1.5 92.2 93.9 93.9 50001 23.4 45001 23.4 40001 23.4 87.5 87.5 87.8 GE 80.7 92.2 \$2.5 93.2 93.2 94.2 94.9 94.9 94.9 94.9 94.9 94.9 94.9 95.3 G€ G€ 80.7 94.2 94.9 94.9 95.3 95.6 52.5 52.9 95.3 95.6 95.9 92.2 92.5 93.2 93.6 93.2 93.6 94.9 95.3 94.9 94.9 95.3 94.9 95.3 94.9 81.D 94.6 35001 23.4 82.4 88.1 92.9 93.9 94.9 53.2 93.9 95.6 95.6 95.6 95.6 95.6 95.6 90 •8 91 •5 91 •5 96.3 96.9 96.9 99.0 GE 250Cl 23.7 83.7 56 .6 97.3 97.3 98.3 99.0 99.0 99.0 96.0 99.0 99.0 99.3 \$7.3 \$7.3 95.7 95.7 GΕ 280C| 23.7 180C| 23.7 98.0 98.0 98.0 99.0 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 84.4 100.0 84.4 98.0 100.0 150C| 23.7 120C| 23.7 GE 84.4 91.5 98.0 98.0 99.0 99.7 99.7 95.7 100.0 91.5 98.0 98.0 99.0 99.7 100.0 99.7 10oct 23.7 84.4 91.5 96.9 57.3 98.0 99.7 99.7 99.7 99.7 99.7 99.7 99.7 100.0 98.0 99.0 99.7 90C1 23.7 8G01 23.7 7UC1 23.7 91.5 56.9 57.3 57.3 98.D 98 • 0 98 • 0 99.7 99.7 95.7 GE 99.7 99.7 99.7 99.7 99.7 99.7 99.0 100.0 84.4 GΕ 99.0 100.0 91.5 56.9 98-0 99.0 100.0 60CL 23.7 99.7 GE 98.0 99.0 100.0 GΕ 5001 23.7 84.4 91.5 56.9 57.3 98.D 98.0 99.0 99.7 99.7 99.7 95.7 99.7 99.7 99.7 100.0 400| 23.7 30C| 23.7 20C| 23.7 91.5 91.5 91.5 99.7 99.7 99.7 95.7 95.7 95.7 99.7 99.7 99.7 GE 84.4 56.9 97.3 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 98-0 98.0 99.0 100.0 56.9 56.9 98.0 67.3 98.0 99.D 100.0 GE 84.4 57.3 98.0 99.0 99.7 99.7 99.7 99.7 99.0 99.7 100.0 91.5 56.9 57.3 98.0 99.7 100.0 01 23.7 84.4 98.0 99.0 99.7 99.7 99.7 95.7 99.7 99.7

TOTAL NUMBER OF COSERVATIONS: 295

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: CELA ITM V PERIOD OF RECOPD: 78-87	
MONTH: MAY HOURS(LST):	1200-1400
CEILING VISIBILITY IN HUNDREDS OF METERS	
IN 1 G1 GE GE GE GE GE GE GE GE GE GE GE	GE GE
FEET 160 90 80 60 48 40 32 24 20 16 12 10 8 5	4 0
NO CETA 19.9 66.4 69.9 72.6 74.0 74.3 74.3 74.7 75.0 75.0 75.0 75.0 75.0	75.0 75.0
NO CETL 19.9 66.4 69.9 72.6 74.0 74.3 74.3 74.7 75.0 75.0 75.0 75.0 75.0 75.0	15.0 15.0
GE 2000C 20.5 71.2 76.7 79.8 81.2 81.5 81.5 81.8 82.2 82.2 82.2 82.2 82.2 82.2	82.2 82.2
0E 18000 20.5 71.2 76.7 79.8 81.2 81.5 81.5 81.8 82.2 82.2 82.2 82.2 82.2 82.2 82.2	82.2 82.2
GE 1600 01 20.5 71.2 76.7 79.8 E1.2 81.5 81.8 82.2 82.2 82.2 82.2 82.2 82.2 82.2	82.2 82.2
GE 1400C 20.5 71.2 76.7 79.8 E1.2 81.5 81.5 81.8 82.2 82.2 82.2 82.2 82.2	82.2 82.2
GE 120UC 20.5 71.9 77.4 Ep.5 E1.8 82.2 82.5 82.9 82.9 82.9 82.9 82.9 82.9 82.9	82.9 82.9
UL 1200L; 2013 1107 1107 Egra 0202 0202 0203 0207 0217 0217 0207 0207	0217
6E 10000[21.6 78.4 g4.2 89.0 SD.8 91.1 91.1 91.4 91.8 91.8 91.8 91.8 91.8	91.8 91.8
GE 90001 22.6 80.5 87.0 91.8 93.5 94.2 94.9 95.2 95.2 95.2 95.2 95.2 95.2	95.2 95.2
GE 800 CT 22.6 80.8 87.3 92.1 93.8 94.5 94.5 95.2 95.5 95.5 95.5 95.5 95.5	95.5 95.5
GE 70001 22.6 80.8 87.3 92.1 53.8 94.5 94.5 95.2 95.5 95.5 95.5 95.5 95.5	95.5 95.5
GE 600C1 22.6 80.8 87.3 52.1 53.8 94.5 94.5 95.2 95.5 95.5 95.5 95.5 95.5	95.5 95.5
•	
GE 500C 22.6 82.2 88.7 93.5 \$5.2 95.9 95.9 96.6 96.9 96.9 96.9 96.9 96.9	96.9 96.9
GE 45QQ 22.6 82.2 88.7 53.5 55.2 95.9 95.9 96.9 96.9 96.9 96.9 96.9	96.9 96.9
6E 4000 22.6 82.2 88.7 53.5 55.2 95.9 95.9 96.6 96.9 96.9 96.9 96.9 96.9	96.9 96.9
6E 35DC# 22.6 82.2 88.7 53.5 55.2 95.9 95.9 96.6 96.9 96.9 96.9 96.9 96.9	96.9 96.9
GE 300Cl i2.6 82.9 89.4 54.2 55.9 96.6 96.6 97.3 97.6 97.6 97.6 97.6 97.6 97.6	97.6 97.6
6E 2500 23.3 84.2 90.8 55.5 57.3 97.9 97.9 98.6 99.0 99.0 99.0 95.0 99.0	99.0 99.0
6E 200C 23.3 85.3 91.8 \$6.6 \$8.3 99.0 99.0 99.7 100.0 100.0 100.0 10C.0 100.0 100.0	100.0 100.0
GE 1800 23.3 85.3 91.8 56.6 58.3 99.0 99.0 99.7 107.0 100.0 100.0 10c.0 100.0 100.0	100.0 100.0
6E 15DE 23,3 85.3 91.8 56.6 58.3 99.0 99.0 99.7 100.0 100.0 100.0 10C.0 100.0 100.0	100.0 100.0
GE 1200 23.3 85.3 91.8 96.6 98.3 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0	100.0 100.0
GE 100C 23.3 85.3 91.8 56.6 58.3 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0	100.0 100.0
6E 90C 23.3 85.3 91.8 \$6.6 58.3 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0	100.0 100.0
6E 80Cl 23.3 85.3 91.8 56.6 58.3 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0	100.0 100.0
6E 70E 23.3 85.3 91.8 56.6 58.3 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0	100.0 100.0
6E 600 23.3 85.3 91.8 56.6 58.3 99.0 99.0 99.7 100.0 100.0 100.0 10C.0 100.0 100.0	100.0 100.0
GE 500 23-3 85-3 91-8 56-6 58-3 99-0 99-0 99-7 100-0	
100, 100, 100, 100, 100, 100, 100, 10	100.0 100.0
6E 30C 23-3 85-3 91-8 56-6 58-3 99-0 99-0 99-7 100-0	100.0 100.0
6£ 1001 23.3 85.3 91.6 %.6 %8.3 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0	0.001 0.001
0. 100 100 100 100 100 100 100 100 100 1	.00.00 .00.00
6£ C 23.3 85.3 91.6 56.6 58.3 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0	100.0 100.0
or of 23-3 93-5 yare 78-6 76-5 77-5 77-5 77-5 103-0 100-0 100-0 101-0 100-0 10	100.0 100.0

TOTAL NUMBER OF ORSERVATIONS: 292

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

STATION MUMBER: MARRY STATION NAME: GELA ITALY

PERIOU	OF ME	LUNU: /8-8	,	
HOUTH	; ;; 4Y	HOUDS IL	: 112	1500-1700

	IL ING	• • • • •		•••••	• • • • • •	• • • • • •		VISIBIL					•••••	•••••	•••••	•••••	***************************************
	IN I	61	6E	6 £	38	GE	GE.	GE ATSTRIF	EE	GE	S OF ME	66	EE	GΕ	GE	GE	6 €
	ÉÉT		90	90	60	48	40	32	24	20	16	12	10	8	5	U. 4	0,0
			-											-			••••
••	•••••	• • • • • •	••••••	•••••	• • • • • • •	• • • • • • •	•••••		• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • •	••••
NG	CEIL I	20.5	65.5	68.3	70.6	73.7	72.4	72.4	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
6E	2000 C1	21.2	69.3	72.7	75.4	76.5	77.1	77.1	77.8	78.5	78.5	74.5	78.5	78.5	78.5	78.5	78.5
	180001		69.3	72.7	75.4	16 . 5	77.1	77.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
6E	160000	21.2	69.3	72.7	75.4	76.5	77.1	77.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
G€	1400 €	21.2	69.3	72.7	75.4	76 . 5	77.1	77-1	77.8	78.5	78 - 5	78.5	78.5	78.5	78.5	78.5	78.5
SΕ	1200 C	21.2	70.6	79-1	77.1	78 .2	78.8	78.6	79.5	80.2	80.2	80.2	8 . 2	80.2	80.2	80.2	8 C . 2
6 E	1000 €	22.2	77.5	81.6	84 . 6	85 . 7	86.3	86.3	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	e 7 . 7
6E	900 01	22.2	80.2	84.3	28.7	89.8	91.1	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
6E	Scoci.	22.2	80.2	84.3	88.7	29.8	91.1	91.1	92.2	92.8	92 - 8	92.8	92.8	92.8	92.8	92.8	92.8
GE			80-2	84.3	E6.7	£9.8	91.1	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE			80.2	84.3	26.7	89 .8	91.1	91.1	92.2	92.8	92.8	97.8	92.8	92.8	92.8	92.8	92.8
		•		-													
GE	500 01	22.2	82.3	86.3	50.8	\$1.6	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
68	45001	22.2	62.3	86.3	50.8	\$1.8	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94,9
GΕ	400 €	22.2	82.3	86.3	90.8	51.8	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	350C	22.2	82.3	96.3	90.8	\$1.8	93.2	93.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
6ŧ	300 C	22.2	83.6	87.7	52.2	53.2	94.5	99.5	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
				_	-	•											
GE	250 C	22.5	85.3	69.8	94.2	55.2	96.6	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
68	20061	22.5	86.3	90.8	55.9	56.9	98.3	96.3	99.3	100.0	100 - 0	100.0	100.0	100.0	100.0	100.0	100.0
GE	19061	22.5	86.3	90.8	55.9	56.9	98.3	98.3	99.3	100.0	100.0	100.0	10C.0	100.0	100.0	100.0	100.0
Ģ€	1500	22.5	86.3	90.8	55.9	56.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	130 C	22.5	86.3	90.8	55.9	56.9	90.3	98.3	99.3	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
GE		22.5	86.3	9D.8	95.9	56.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		22.5	86.3	9 D .8	55.9	56.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66	906	22.5	86.3	90.8	95.9	96 . 9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	0.001	100-0	100.0	100.0
GE		22.5	86.3	90.8	55.9	56.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
GE	600	22.5	86.3	90.8	55.9	56 . 9	98.3	98.3	99.3	100.0	100.0	100.0	30C.0	100.0	100-0	100.0	100.0
6€		22.5	86.3	90.8	55 - 9	56 . 9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E		22.5	66.3	90.8	55.9	56.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	306	22.5	86.3	90.8	55.9	56.9	98.3	98.3	99.3	100.0	0.001	100.0	10C-0	100.0	100-0	100.0	100.0
6E		22.5	86.3	90.8	55.9	56.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1001	á2.5	86.3	70.8	\$5.9	96 . 9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66	C C I	22-5	86.3	90.0	55.9	\$6.9	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF CRSERVATIONS:

293

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: MAY HOURS(LST): 1800-2000 VISIBILITY IN MUNDREDS OF METERS
GE GE GF GF CE IL ING GE GE IN | GT FEET | 160 ₽£ GE 90 ĒĐ 60 48 40 32 20 10 0 NO CETA 1 18.7 67.B 70.7 73.5 75.5 74 .5 75.2 75.2 75.2 75.5 75.5 75.5 75.5 17.9 6E 200UGJ 19.4 70.7 74.8 79.9 80.6 78.9 79.9 60.3 80.6 80.6 80.6 80.6 80.6 80.6 80.6 6E 180001 19.4 6E 1600C1 19.4 78.9 78.9 74.8 70.7 77.9 79.9 79.9 79.9 80.3 89.6 80.6 80.6 8C.6 80.6 80.6 80.6 80.6 80.6 70.7 79.9 79.9 80.3 60.6 80.6 80.6 8 (. 6 80.6 60.6 1400C1 19.4 70.7 74.8 77.9 78.9 79.9 8 C. 3 8 1. 6 80.6 82.0 80.6 80.6 80.6 80.6 80.6 80.6 GE 1200GJ 20-1 79.3 81.3 62.0 82.0 82.0 82.0 62.0 82.0 6E 10000] 20.4 76.5 81.0 £4 . 4 **85.4** 86.4 87.1 87.1 87.1 87.1 87.1 87.1 87.1 90001 22.4 80001 22.4 92.9 92.9 92.9 92.9 92.9 92.9 93.9 93.9 81.0 86.1 50.8 50.8 51.8 51.8 93.5 93.5 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 GE 81.0 93.9 93.9 93.9 700C1 22.4 86-1 50.8 61.0 51.8 93.5 93.9 93.9 81.0 51.8 92.9 92.9 93.5 93.9 93.9 93.9 93.9 93.9 93.9 93.9 32 500C1 22.4 83.3 85.4 93.2 54.2 95.2 95.2 95.9 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 95.2 95.6 95.9 450C1 22.4 40001 22.8 83.3 88.4 93.2 93.5 54.2 54.6 95.2 95.6 95.9 96.3 96.3 96.6 96.9 96.3 96.6 96.9 96.3 96.3 96.3 96.3 96.3 96.3 96.6 96.9 96.6 96.6 96.9 96.6 96.6 96.9 350C1 22.8 84.D 89.1 93.9 96.9 300C| 22.8 84.7 89.8 94.6 55 .6 96.6 97.3 G£ 2500F 22.8 91.5 98.6 98.6 99.3 99.3 99.7 86.4 56.6 57.6 98.6 99.7 99.7 95.7 99.7 99.7 99.7 99.7 56.6 56.6 20001 22.8 86.4 91.5 91.5 99.7 99.7 57.6 98.6 99.7 99.7 99.7 99.7 95.7 99.7 99.7 GE 180C| 22.8 150C| 22.8 57.6 86.4 98.6 98.6 99.3 99.7 99.7 99.7 86.7 96.9 91.8 98.0 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ĠE 120CF 22.8 99.0 100-0 100.0 100.0 100.0 100.0 100.0 GE GE 10001 22.8 86.7 91.8 96.9 98.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 90C1 22.8 86.7 56.9 91.8 \$8 .D 99.0 99.D 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 80C1 22.8 70C1 22.8 86.7 91.8 56.9 10C.0 10C.0 58.0 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 86.7 56.9 96.9 99.B 99.0 100.0 100.0 100.0 100.0 0.001 99.7 100.0 100.0 100.0 100.0 100.0 50C1 22.8 86.7 91.8 98.0 100.0 56.9 99.0 99.0 99.7 99.7 100.0 100.0 IDC.D 100.0 100.0 100.0 100.0 GE 4001 22.8 3001 22.8 86.7 91.8 56.9 56.9 \$8.0 \$8.0 99.0 97.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.D 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2001 22.6 58.0 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1acl 22.8 100-0 GΕ 100.0 100.0 100.0 EJ 22.8 86.7 91.8 56.9 58 .0 99.0 99.0 99.7 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS: 294

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PERIOU UP RECORD: 78-87 MONTH: MAY HOURS(LST): 2100-2300 STATION NUMBER: 164530 STATION NAME: GELA ITALY CE IL ING TH | GT | FEET | 160 33 90 90 90 90 GE 5 10 8 80 60 48 12 4 NO CEIL | 28.5 74.7 76.7 79.9 £0.7 81.5 81.9 82.3 82.3 82.3 82.3 21.5 82.3 82.5 82.3 82.3 GE 2000C1 28.9 77.5 83.5 83.5 81.5 P3.5 63.5 75.1 e1 . 1 £1.9 82.7 82.7 83.1 83.5 83.5 83.5 GE 1800T| 28.9 GE 16000| 28.9 GE 1400C| 28.9 75.1 75.1 77.5 77.5 83.5 83.5 E1 . 9 82.7 82.7 83.1 83.5 F3.5 83.5 83.5 83.5 83.5 81 - 1 81.9 81.9 82.7 82.7 83.5 81.1 82.7 63.L 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 SE 1200 CT 29.3 P2.7 6E 1000 C1 31.3 6E 900 C1 31.7 81.1 83.5 88.0 89.2 94.0 67.6 E8 • 4 89-2 89.6 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 53 • 2 54 • 0 54 • 0 94.8 94.8 95.2 52.4 94.8 95.2 95.2 95.2 95.2 95.2 95.2 95.2 800 C 32.1 700 0 32.1 86.3 8.88 93.2 94.8 95.6 96.0 96.0 96 **.** 0 96.0 96.0 96.0 96.0 96.0 GΕ 96.0 96.0 96.D 98.D 96.0 96.0 96.0 96.0 POOC 15.1 96.0 50001 32.1 88.8 54 . D 54 . D 94.9 94.8 14.8 86.3 93.2 96.0 96.0 96.0 96.0 96.0 GE GE 450C1 32.1 40001 32.1 86.3 53.2 94.8 94.8 95.6 96.0 96 . B 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 93.2 76.0 96.0 54.4 96.4 96.4 350 C) 32-1 86.7 89.2 53.6 95.2 95.2 96-0 96.4 96.4 300C1 32.1 89.6 96.8 87.1 54 . 0 54.8 95.6 96.4 96.8 96.8 96.8 96.8 96.8 96.8 25001 32.1 20001 32.5 97.6 98.0 GΕ 95.6 89.6 90.0 92.0 \$6.8 98.4 98.8 98.4 98.8 99.2 99.6 99.6 99.6 99.6 99.6 99.6 99-6 92.4 6E \$7.2 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 90.0 \$8.0 18061 32.5 57.2 98.8 98.8 99.6 100.0 100.0 100.0 100.0 100-0 100-0 100.0 100.0 99.6 150E 12.5 92.4 57.2 58.0 96.6 98.8 100.0 106.0 .0.0 160.0 100.0 100.0 100.0 100-0 100.0 99.6 100.0 100.0 90.0 92.4 98.8 100.0 100.0 100.0 100.0 GE 100Cf 32.5 90.0 92.4 57.2 58.0 98.8 98,8 99.6 100.0 100.0 100.0 106.0 100.0 100-0 100.0 100.0 92.4 92.4 92.4 92.4 90G1 12.5 80G1 12.5 70C1 12.5 6E 90.0 47.2 98 .C 98.8 98.8 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 90.0 57.2 58.0 58.0 98.8 98.8 99.6 100.0 100.0 100.0 100.0 100.0 100.0 GE 90.0 c7 . 2 98. R 98.8 99.6 100-0 100.0 100.0 100-0 100.0 100-0 130.0 57.2 96.6 100.0 90.0 58.0 100.0 100.0 100.0 98 . 8 99.6 100.0 100.0 100.0 100.0 5001 32.5 GE 96.0 92.4 97.2 58.0 98.8 98.8 99.6 100.0 106.0 100.0 100.0 100.0 100.0 Inn.0 100.0 40C| 12.5 30C| 32.5 98.8 98.8 GĒ 90.0 92.4 57.2 58 .B 98.8 99.6 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 90.0 92.4 99.6 98.8 57.2 \$8.D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 57.2 GE 2011 32.5 90.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 98.8 GE 1001 22.5 90.0 92.4 97.2 58.0 98.8 8, 99 99.6 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 GΕ EL 12.5 90-0 92.4 \$7.2 98.0 ... 98.8 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF GBSCRVATIONS: 249

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PENCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: MAY HOURSILST1: VISIBILITY IN HUNDREDS OF METERS CEILING 6 € 80 G£ 32 GE 5 68 GE GE r.F €E GΕ GE 160 90 40 24 20 16 12 10 ัล 60 48 G NO CEIL | 21.6 67.3 71.1 74.3 75.1 75.9 76.9 77.0 77.0 77.1 GE 2000C1 22.2 70.4 74.9 18.2 79.0 79.8 79.9 80.5 80.9 81.0 81.0 81.0 41.2 GE 180001 22.2 GE 160001 22.2 70.4 70.4 74.9 74.9 78 • 2 18 • 2 79.1 79.9 79.9 79.9 80.5 89.9 61.0 81.1 81.1 81.1 81.2 81.3 19.1 80.5 61.0 81.2 80.9 81.1 79.9 81.0 1400C1 22.2 70.4 74 .9 18.2 79.1 79.9 79.9 80.9 A1.) 81.1 81.3 82.7 1200Cl 22.5 76.0 79.3 €0.2 82.1 71.5 81.0 81.1 81.6 82.1 87.2 82.2 82.3 82.3 82.4 GE 1800C1 23.5 77.7 89.4 82-6 26.5 £7.5 88.4 88.4 89.0 89.5 89.6 85.6 89.6 89.7 89.7 89.8 900C| 24.5 800C| 24.6 700C| 24.6 93.2 93.5 93.5 81.5 81.7 81.7 92 • 1 92 • 4 92 • 4 93.2 93.5 93.5 94.6 GE 94.1 94.5 94.7 94.7 94.7 94.8 94.8 94.9 86.6 \$1.1 \$1.4 6E 94.4 94.8 94.8 94.9 95.0 95.0 95.0 95.0 95.0 95.1 95.1 95.1 95.1 95.2 95.2 51.4 60001 24.6 94.9 1.F 86.9 94.4 95.0 GE 50001 24.6 82.7 87.9 52 **. 4** ς3.4 94.5 94.5 95.4 95.8 95.9 96.0 96.0 96.0 96.1 96.1 96.2 450C1 24.6 400C1 24.6 350Q1 24.6 300C1 24.6 82.7 82.9 83.0 94.5 94.6 94.7 94.5 94.7 94.8 52.4 52.5 53.4 53.5 95.4 95.5 95.9 96.1 GE 87.9 95.8 96.0 96.0 96.0 96.1 96.2 6E GE 96.0 96.1 96.1 96.1 96.1 96.2 88.2 52.7 53.7 95.7 96.1 96.2 96.2 97.1 96.4 96.4 96.5 GE 83.8 53.5 54 .5 95.6 95.6 96.5 96.9 97.0 97.1 97.2 97.2 88 -9 97.3 250C1 24.9 90.8 56.4 57.0 97.5 99.0 99.0 99.1 99.2 95.4 97.6 99.0 98.4 99.5 99.5 99.6 6E 6E 85.9 91.3 96 . D 99.0 99.6 200C1 25.0 96.1 96.1 99.5 99.6 99.6 99.7 99.7 18GC| 25.0 \$7.0 96.1 98.1 99.5 95.6 99.7 99.6 99.7 99.6 150 Cl 25.0 120 Cl 25.0 99.6 99.9 99.5 GE 86.C 91.3 96 - 1 57.1 92.1 98.2 99.0 95.6 99.6 99.8 98.1 GE 10001 25.0 86.0 99.0 99.0 99.6 99.8 91.3 96 . 1 57.1 98.2 99.5 99.6 99.6 95.6 99.8 99.9 GE 90C1 25.0 91.3 96 · 1 57 • 1 57 • 1 98.1 98.2 99.5 99.6 99.6 99.6 99.8 99.8 99.9 86.D 99.6 80C1 25.0 70C1 25.0 86.0 91.3 98.1 98.2 99.0 99.5 95.6 99.6 99.8 99.8 99.9 GE 99.6 86.0 56 . 1 98.1 98.2 99.0 99.6 95.6 99.8 \$7.1 GE 60CL 25-0 99.0 99.A 50 C1 25.0 96.D 91.3 96.1 57.1 99.5 99.6 99.8 99.8 99.9 GE GE 98.1 98.2 99.0 95.6 40C| 25.0 30c| 25.0 20C| 25.0 86.D 86.D 91.3 91.3 56 • 1 56 • 1 57.1 57.1 96.1 96.1 98.2 98.2 99.0 99.5 99.6 99.6 95.6 99.6 99.8 99.8 99.8 99.8 99.9 GE 99.6 GF 86.0 91.3 \$6.1 98.2 99.0 99.5 99.4 99.6 95.6 90 A 99.8 99.á 99.8 10Cl 25.0 GE 86.0 91.3 98.1 99.0 99.6 99.6 99.6 99.8 99.9 98.2 99.5 GE CI 25.0 91.3 57.1 99.5 99.6 90.6 86.0 56.1 98.1 98.2 99.0 99.6 99.7 99.8 99.8 100.0

TOTAL NUMBER OF CREENVALIONS: 2207

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87
MONTH: JIN HOURS(LST): 0000-0200

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CE :	ILING							VISIBIL	ITY IN	HUNDRED	S OF ME	TERS					
1	IN I	61	6E	6 F	GΕ	GE	GE	6 E	Œ	38	GΕ	GΕ	EΕ	GE	GE	GE	GE
FE	ET I	160	90	ão	60	48	40	32	24	20	16	12	10	8	5	4	0
			-			70											·
•••	• • • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••					•••••	•••••	• • • • • • •	******	• • • • • •	••••
	_																
NO	CEIL I	28. I	87.1	\$1.6	54.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GF	2000 CI	78.1	87.1	91.6	\$4.7	55.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	100001		87.1	91.6	54.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
																_	
	160001		87.1	91.6	54.7	55 .8	96.2	96.2	96.6	96.6	96.6	96.6	9€.6	96.6	96.6	96.6	96.6
	140001		87.1	91.6	54 . 7	55 . 8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	1200 C	28.1	87.5	92.0	\$5.1	56.2	96.6	96.6	97.D	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
													-				
GF	100001	28 6	87.8	92.4	55.8	57.0	97.3	97.3	97.7	97.7	97.7	97.7	91.7	97.7	97.7	97.7	97.7
	90001																
GE		_	89.7	94.3	57.7	58.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	800 C I		90.1	94.7	98.1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
űĒ	70001	29.3	98.1	94.7	58 - 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6
GE	10004	79.3	90.1	94.7	\$8.1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
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	20061									10							
66	Snoci		90.1	94.7	98-1	59 . 2	99.6	99.6	100.0	100.0	100.0	100.0	10C.0	100.0	100.0	100.0	100.0
ΘE	45001		90-1	94.7	58.1	59,2	99.6	99.6	100.0	100.0	100.0	100.0	10C.D	100.0	100.0	100.0	100.0
ĢE	400 C I	29.3	90.1	94.7	98 - 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0
6E	350 C J	29.3	90.1	94.7	\$8 . 1	59 . Z	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30001		90.1	94.7	58 . 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٠.	200 U I	2.03	90.1	77.01	70 * 1	17.62	77.0	77.0		100.0	100.0	100.0	100.0	100.0	- 00.0	100 .0	100 10
G€	250 C		90.1	94.7	98.1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢE	20001	29.3	90-1	94.7	98 • 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	18001	29.3	90.1	94.7	98 - 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
úΕ	1500	20.3	90.1	94 - 7	58 - 1	\$9.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	12001		90.1	94.7	58-1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
oc.	12001	2703	70.1	74.7	28 - 1	74.5	77.0	77.0	100.0	100+0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	-						_								_		
GΕ	100 01		90.1	94.7	78 . 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	90 C I	29.3	90.1	94.7	58.1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	8001	29.3	98.1	94.7	58 - 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		29.3	90-1	94.7	98 - 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		29.3		99.7											-		
30	90.51	27.3	90.1	74.1	98 _ 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	29.3	90-1	94.7	98 - I	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4001	29.3	90.1	94.7	58 - 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		29.3	96.1	94.7	98 - 1	59 . 2	99.6	99.6	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.D
GE		29.3	90.1	94.7	98.1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			_			• -											
GE	1061	29.3	90-1	94.7	58 - 1	59.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	61	29.3	90-1	94.7	98 - 1	59 .2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 •6
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION MIPRED: IGASSE STATION NAME: RELATION V

5	TAT	ION	NUP	BER :	16453C	STATI	OR NAME:	GEL A	I TAL Y					PEPIOD	OF REC	ORD: 78	-87		
														HONTH	: JLN	HOURS	(LST):	0300-05	00
			•••													• • • • • •			
CI	E IL	ING										HUNDRED!							
	IN			GT	6E	6€	6E	6 E	SE.	3B	G€	6 E	38	6E	EE	66	ΘE	GE	GE
- 1	FEE	T	ŧ	160	90	8O	60	48	40	32	24	20	16	12	10	8	5	4	O
•		• • • •	•••	• • • • •				• • • • •	•••••		• • • • • •		• • • • • •		• • • • • • •	• • • • • •	•••••	•••••	
M	D CI	EiL	1 2	7.1	83-3	86.9	52.0	52.8	94.0	94.0	94.4	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6
															_				
		0000			83.7	87.3	52 . 4	53.2	94.4	94.4	94.8	95.6	95.6	95.6	96.0	96.0	96.0	96 • O	96.0
		800 C			83.7	87.3	92.4	53.2	94.4	94.4	94.8	95.6	95.6	95.6	96.0	96.0	96.0	96 • B	96.0
		600 C			63.7	87.3	52.4	53.2	94.4	94.4	94.8	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0
		400 C			83.7	87.3	52.4	53.2	94.4	94.4	94.8	95.6	95.6	95.6	9 E . D	96.0	96.0	96.0	96.0
6(E 12	200 C	1 5	7.5	84.1	87.6	52.8	53.6	94.8	94.8	95.2	96.0	96 • D	96 • D	96.4	96.4	96.4	96.4	96.4
		00 C			85.3	88.8	54 - 0	54 .8	96. U	96.0	96.4	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6
GI	E 9	900 C	li	7,9	86.5	90.0	95.6	56 .4	97.6	97.6	98.0	98.8	98.8	98.8	95.2	99.2	99.2	99.2	99.2
61		8000			86.9	90.8	56.4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100-0	100.0	100.0
61	Ε :	700 C	1 Z	7.9	86.9	90.8	56.4	57 • Z	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	700-0	100-0	100.0
61	E (60G C	1 2	7.9	86.9	90.8	56.4	57.2	98. 4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
61	. !	5000	1 2	7.9	86.9	90.8	56.4	\$7.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
G	E (450 E	1 2	7.9	86.9	90.8	56.4	57 - 2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
G1	Ε (400 C	1 2	7.9	86.9	90.8	56.4	97.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GI	Ε :	3500	1 2	7.9	86.9	90.8	56.4	\$7.2	98.4	98.4	96.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
Ğ	Ε :	3000	1 2	7.9	86.9	90.8	56.4	\$7.2	98.4	98.4	96.8	99.6	99.6	99.6	100-0	100.0	100.0	100.0	100.0
			•												-				
61	Ε 2	2500	1 2	7.9	86.9	90.8	56.4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GE	E a	200 C	i z	7.9	86.9	90.8	56.4	\$7.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GI	E S	1800	1 2	7.9	86.9	90.8	56.4	57 .2	98.9	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	0.001
GI		150 C			86.9	9D .8	56.4	57.2	78.4	98.4	98.8	99.6	99_6	99.6	100.0	100.0	100.0	100.0	100.0
GI		120C			86.9	90.6	56.4	\$7.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
				• • •													• -		
G	Ε :	1000	1 2	7.9	86.9	90.8	96.4	57.2	98.4	98.4	96.8	99.6	99.6	99.6	100.0	100.0	170.0	100.0	100.0
GI	E	900	1 2	7.9	86.9	90.8	56 .4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100-0	140.0	100.0
Ğ		800			86.9	90.6	56.4	97.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
Gi		700	-		86.9	90 -6	96.4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	106.0
GI		600			86.9	90.6	56.4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	160.0	100.0
-	-		• -	•			,											- 00 - 0	••••
G	F	500	1 2	7.9	86.9	90.8	56.4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
61			i ā		86.9	90.8	96.4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GI			1 2		86.9	90.8	56.4	57.2	98.4	98.4	98.8	99.6	99.6	99.6	106.0	100.0	100.0	160.0	100.0
G	-	200			86.9	90.8	56.4	57.2	96.4	78.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
GI		100			86.9	90.8	96.4	57.2	96.4	98.4	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
31	-			. • •	V • • ·	, 0 40	,,,,	37.02	700 4	70 • •	7 9 8 8	,,,,	,,.0	,,,,	10000	100.0	21.000	14040	
60	E	•	1 2	7.9	86.9	90.8	56.4	57.2	98.4	98.4	98.8	99.6	99.6	4,00	100.0	100.0	100-0	100.0	100.0
-	-							• • • • • •				77-0							

TOTAL NUMBER OF OBSERVATIONS: 251

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87 HOURS(LST): 0600-0600 HONTH: JLN VISIBILITY IN HUNDREDS OF METERS CEILING ı GT 6E G€ Œ GΕ €£ FEET | 160 90 80 60 48 40 32 24 20 16 12 10 5 4 0 NO CETL | 20.3 70.0 83.8 75.2 81.0 €2.8 83.4 83.4 63.6 83.6 83.8 LE 2000 G1 20.7 70-7 84.5 84.5 84.8 54.8 84.8 A4.8 84.8 84.8 84.8 84.8 16.2 22.1 84.5 84.8 180001 20.7 160001 20.7 140001 20.7 82.1 82.1 84.8 70.7 76 .2 83.8 84.5 84.5 84.5 84.8 84.8 84.8 84.6 84.8 84 .6 84.8 70.7 70.7 76 •2 76 •2 84.5 84.8 84.8 6E 63.8 84.5 84.5 84 . 8 84.8 84.8 84.8 82.1 84.5 84.5 6E 1200Cl 20.7 71.7 77.2 63.1 85.5 85.5 85.5 85.9 85.9 85.9 85.9 86.2 86.2 86.2 GE 100001 21.4 76.2 82.1 87.9 89.7 90.3 90.3 90.3 90.7 90.7 90.7 90 - 7 91.0 91.0 91.0 94.5 94.8 53.4 53.8 G€ 900G| 22.1 80DG| 22.1 79.7 80.0 85.5 85.9 51.7 94.1 94.1 94.1 94.5 94.5 94.8 94.5 94.5 94.8 94.8 95.2 94 · 8 95 · 2 94.8 GE 92.1 94.5 700 61 22-1 85.9 94.5 94.5 94.5 94.8 GE 80.0 \$2. i 53.8 94.5 94.8 ... 94.8 94.8 95.2 95.2 95.2 60001 22.1 92.1 94.5 94 .8 94.8 GE 94.8 94.8 94.8 80.0 97.6 50001 83-1 \$5.2 56.9 97.6 97.9 97.9 98.3 96.3 98.3 97.6 97.6 97.6 GF 450C1 22.1 400C1 22.1 83.1 83.1 89.0 89.0 55.2 55.2 96.9 96.9 97.6 97.6 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 98.3 98.3 98.3 98.3 98.3 6Ē 350C1 22.1 83.1 89.0 95.2 56.9 97.9 97.9 97.9 98.3 98.3 98.3 GE 300 C1 22.4 83.4 89.3 95.5 57.2 97.9 97.9 97.9 98.3 98.3 98.3 98.3 98.3 98.6 98.6 98.6 GE 250C1 22.4 99.3 99.3 99.7 84.1 90.3 . 58 . 3 99.0 99.0 99.0 99.3 99.3 99.7 56.6 95.3 99.7 90.7 56.9 56.9 58 .6 58 .6 99.3 99.3 99.3 95.7 200 C# 22.4 64.5 84.5 99.3 99.7 99.7 99.7 99.7 100.0 100.0 100.0 99.3 99.3 GE 99.3 99.7 99.7 18001 22.4 90.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 22.4 58 .6 99.3 100.0 150C 84.5 90.7 99.7 95.7 100.0 99.3 12001 22.4 90.7 58 .6 100.0 100.0 100.0 GE 10001 22.4 84.5 90.7 56.9 58 .6 58 .6 99.3 99.3 99.3 99.,7 99.7 99.7 95.7 99.7 100.0 100.0 100.0 9001 22.4 8001 22.4 7001 22.4 56.9 56.9 56.9 99.7 99.7 99.7 99.7 99.7 99.7 95.7 95.7 95.7 GΕ 84.5 90.7 99.3 99.3 99.3 99.3 99.3 99.3 99.7 99.7 100.0 100.0 100.0 GE 84.5 90.7 99.7 99.7 100.0 100.0 100.0 58 .6 99.7 84.5 90.7 99.3 99.5 99.3 100-0 100.0 100.0 6001 22.4 100.0 84.5 90.7 56.9 58 .6 99.3 99.3 99.3 99.7 99.7 99.7 95.7 99.7 100.0 100.0 GE 5001 22.4 4001 22.4 99.7 56.9 98.6 98.6 99.3 99.3 99.3 99.3 100.0 100.0 84.5 99.3 99.3 99.7 99.7 99.7 95.7 95.7 99.7 100.0 99.7 99.7 99.7 84.5 90.7 56.9 99.7 99.7 100.0 100.0 10C.0 99.7 99.7 GE 30E| 22.4 84.5 90.7 56.9 58 .6 99.3 99.3 99.7 95.7 99.7 100.0 100.0 100.0 2001 90.7 99.3 99.3 100.0 100.0 100.0 20cl 22.4 GE 84.5 90.7 58 -6 99.3 99.3 99.3 99.7 99.7 95.7 100.0 100.0 100.0 GF ri 22.4 84.5 90.7 56.9 58.4 99. 1 99.3 99.3 99.7 99.7 99.7 95.7 99.7 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 78-87 MONTH: JUN HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS CE IL ING 6E Œ IN 1 6E 6E ŒE 3E GΕ GE SE GE 6E GE GF GE 160 90 30 60 48 40 32 24 20 12 10 o NO CEIL | 22.5 75.8 83.2 85 - 6 E7 .7 88.1 88.1 88.4 ... BR.B 88.8 88.8 88.8 88.8 88.8 89.1 6E 2000C1 22.5 89.5 76.1 83.5 26.3 28.4 58.8 89.1 85.5 89.5 88.8 89.1 89.5 89.5 89.5 89.8 GE 1800Cl 22.5 GE 1600Cl 22.5 GE 1400Cl 22.5 89.8 89.8 89.8 76.1 76.1 63.5 26.3 4.85 89.1 89.1 89.5 89.8 89.8 85.8 89.5 R9.8 89.8 90.2 83.5 66.3 86.3 4.83 89-1 89-1 89.5 89.5 89.6 89.8 89.8 69.8 89.8 90.2 76.1 28.4 89.1 89.5 89.5 89.8 85.8 89.8 89-1 1200C| 22.5 89.8 90.2 90.2 90.2 90.2 90.2 90.5 1000C| 22.8 80.0 87.7 50.5 52.6 93.3 93.3 94.4 93.7 94.0 94.0 90001 23.9 80061 23.9 83.2 83.2 90.9 96.8 97.2 97.2 97.2 97.2 91.2 97.2 97.2 6E 93.7 55.8 96.5 96.5 96.8 97.2 97.2 97.5 38 53.7 96.8 95.8 96.5 97.2 97.2 96.5 700 61 23.9 45 .A GE 83.2 90.9 63.7 96.5 96.5 97.2 97.2 97.2 97.2 97.2 97.2 97.5 96.8 GE 60001 23.9 83.2 98.9 53.7 55.8 96.5 96.5 96.8 97.2 97.2 97.2 97.2 97.2 97.2 97.5 97.2 97.9 97.9 CE 50001 23.9 91.6 54 . 4 56.5 97.2 97.5 97.9 97.9 97.9 98.2 83.9 97.5 97.9 97.9 54.4 54.7 97.2 97.5 GE 45001 23.9 91.6 56.5 56.8 97.5 97.5 97.9 97.9 97.9 97.9 97.9 91.9 97.5 98 • 2 98 • 9 GE 40001 23.9 84.2 97.9 97.9 98.2 98.2 98.2 98.2 98.2 98.6 55.4 98.9 98.9 98.9 GE 350 C1 24.2 98.2 98.6 98.6 98.9 98.9 99.6 300 GE 24.2 GE 250C1 24.2 85.3 93.0 55.8 57.9 98.6 98.6 98.9 96.9 99.3 99.3 99.3 95.3 95.3 99.3 99.3 99.3 99.3 99.6 99.3 99.3 99.3 99.3 93.0 99.3 20001 24.2 18001 24.2 57.9 57.9 98.6 98.6 GΕ 85.3 \$5.8 98.6 98.6 98.9 98.9 98.9 99.3 99.6 99.6 85.3 93.0 95.8 98.9 99.3 99.3 99.3 99.3 98.6 99.3 95.3 99.3 99.3 99.3 GΕ 15001 24.2 85.3 93.0 95.8 57.9 98.6 98.9 98.9 99.3 99.6 GE 170Cl 24.7 99.3 99.6 GE 10001 24-2 85.3 95.8 97.9 99.3 99.6 98.6 98.6 98.9 98.9 99.3 99.3 99.3 99.3 GE GE 9001 24.2 8001 24.2 85.3 85.3 93.0 95.8 95.8 57.9 57.9 98.6 98.6 98.6 98.6 98.9 99.3 99.3 99.3 99.3 99.3 99.3 99.6 98.9 99.3 95.3 GE 7001 24.2 6001 24.2 57.9 GE 85.3 93.0 55.8 67.9 98.6 98.4 98.9 9.80 99.3 99.3 99.6 GE SOC 1 24.2 93.0 93.0 98.9 98.9 85.3 95.8 57.9 98.6 98.6 98.9 99.3 99.3 95.3 99.5 99.3 99.3 99.6 57.9 4001 24.2 85.3 95.8 98.6 98.6 99.3 99.3 99.3 99.3 99.3 95.3 99.6 GE GE 98.9 306; 24.2 200; 24.2 100; 24.2 85.3 93.0 55.8 57.9 98.6 98.6 98.9 98.9 99.3 99.3 99.3 99.3 99.3 99.6 GE 93.0 93.0 99.3 99.3 55.8 57.9 98.6 98.6 98.9 98.9 99.3 99.3 95.3 99.3 99.3 99.6 98.6 98.9 98.6 GE CI 24.2 85.3 93.0 55.8 57.9 98.6 99.3 99.3 99.3 99.6 99.6 106.0 98.6 98,9 98.9 99.3

TOTAL NUMBER OF CBSERVATIONS: 285

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						DA NAME:							MONTH	OF REC	HOURS	(LST):		
	L 146	•••	••••	•••••	•••••	• • • • • • • •	• • • • • •	•••••	w7c7R71	71 v 1N	HUNDRED	OF ME	TEDS	•••••	• • • • • •	•••••	• • • • • •	
	EN		61	68	GE	68	5 E	Œ	GE	GE	GE	GE	GE	EE	GE	GE	GE	GE
			16D	90	80	60	48	40	32	24	20	16	12	10	В	5		G
		• • •				• • • • • • • • •	-											
NO	CEIL	1 1	9.6	76.3	62.1	25.9	26.9	87.3	87.3	88.3	88.3	88 • 3	88.3	88.3	88.3	88.3	88.3	88.3
GE	20000	1 1	9.6	77.0	82.8	86.6	£7.6	88.0	88.0	89.0	89.0	89.0	89.0	85.0	89.0	89.0	89.0	89.0
GE	18000	i i	9.6	77.0	83.2	26 - 9	0.83	88.3	86.3	89.3	89.3	89.3	89.3	85.3	89.3	89.3	89.3	89.3
GE	16000	1 1	9.6	77.0	83.2	66.9	68.0	88.3	88.3	89.3	89.3	89.3	89.3	85.3	89.3	89.3	89.3	89.3
	14000			77.4	83.2	66.9	88 . D	88.3	88.3	89.3	89.3	89.3	89.3	85.3	89.3	89.3	89.3	89.3
	12000			77.3	83.5	67.3	88.3	88.7	88.7	89.7	89.7	89.7	89.7	85.7	89.7	89.7	89.7	89.7
GE	10000			81.4	88.0	51.8	52.8	93.1	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
G€	900 €	1 2:	2 • 3	84.5	91.1	94.B	55.9	96.2	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
6E	9000) Z	2.3	84.5	91.1	54.8	95.9	96.2	96.2	97.3	97.3	91.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	7000			84.5	91.1	54 .8	55.9	96.2	96.2	97.3	97.3	97.3	97.3	91.3	97.3	97.3	97.3	97.3
GE	600 C	1 2:	2 • 3	84.5	91.1	54 - 8	95.9	96.2	96.Z	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
								_										
6E	500 C			86.6	93.1	96.9	\$7.9	98.3	98.3	99.3	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.3
GE	4500			86.6	93.1	56.9	57.9	98.3	98.3	99.3	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.3 99.3
GE	4000			86.6	93.1	96.9	57.9	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE	350 C			86.9	93.5	97.3	\$8.3	98.6	98.6	97.7	99.7	99.7	99.7	99,7	99.7	99.7	99.7	99.7
G€	300 C	1 4	Z.7	86.9	93.5	67.3	58.3	98.6	98.6	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7
GE	250 C	1 2	2.7	87.3	93.8	57.6	\$8 .6	99.0	99.0	100-0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200 C			07.3	93.8	57.6	58.6	99.0	99.0	100.0	100.0	100.0	100.0	196.0	100.0	100.0	100.0	100.0
ĞĒ	1800			87.3	93.8	57.6	58 . 6	99. D	99.D	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0
GΕ	1500			87.3	93.8	57.6	\$8 .6	99.0	99.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	126 C			87.3	93.8	57.6	58 .6	99.0	99.0	100.0	100.0	100-0	100.0	10C.0	100.0	100.0	100.0	100.0
																•	1	100.0
GE	1000			87.3	93.8	57.6	58 -6	99.0	99.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	9G C			87.3	93.8	97.6	58.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE.	800			87.3	93.8	97.6	58 .6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6£	700	-		87.3	93.8	57.6	59 •6	99.0	99.0	100.0	100-0	100 • 0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	600	1 2	2.7	87.3	93.8	57.6	58 .6	99.0	99.0	106.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0
GΕ	50 C	1 3	2.7	87.3	93.8	57.6	58 .6	99.0	99.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0
GE	480			87.3	93.8	57.6	58.6	99.0	99.0	10G-B	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30 C			87.3	93.8	57.6	\$8.6	99.0	99.0	100.0	100.0	100.0	100.0	106-0	100.0	100.0	100.0	100.0
GE	30 C			87.3	93.8	57.6	58.6	99.D	99.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100			87.3	93.8	57.6	58.6	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	-50	•	-••	J	, , ,	~~~~	20.00	,,,,,	,,,,	10000						20000		
6E	C	1 2	2.7	87.3	93.8	\$7.6	58 .6	99.0	99.0	100.0	100.0	100.0		100.0		100.0	100.0	100.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

NO CEIL 19.6 73.9 78.9 83.9 84.3 85.7 85.7 86.1 86.8		• • • •				OF PEC						ITALY	GELA	OR NAME:	STATI	164530	U PBER :	TION N	514
The color of the																			
N									HUNDRED	ITY IN	VISIBIL								
NO CEIL 19.6 73.9 78.9 83.9 84.3 85.7 85.7 86.1 86.8	i€	6 €	GE	GE	GE	EE	Œ	88	GE	6E	6E	GE	* GE	GΕ	6 E	6E	61		
GE 2000 C 1 19.6 76.4 81.8 86.8 E7.1 88.6 88.9 89.6 89.6 89.6 89.6 89.6 89.6	0		4	5	8	10	12	16	20	24	32	40	48	60	60	9 D	16B	ET 1	FE
GE 2000 C 1 19.6 76.4 81.8 86.8 E7.1 88.6 88.9 89.6 89.6 89.6 89.6 89.6 89.6	• • • • • • • •	• • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	******	• • • • • • •	• • • • • • • •	** * * * * *		•••••	• • • • • •	• • • • • •		• • • • • •	•••
GE 18TOGI 19.6 76.4 81.8 86.8 E7.1 88.6 88.6 88.9 89.6 89.6 89.6 89.6 89.6	. 8	86.	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.1	85.7	85.7	E4 . 3	83.9	78.9	73.9	19.6	CETL I	HO
ET 160001 19.6 76.4 81.8 86.8 £7.1 88.6 88.6 88.9 89.6 89.6 89.6 89.6 89.6	.6	89.	89.6	89.6	89.6	89.6	89.6	89.6	89.6	88.9	88.6	88.6	£7.1	66.8	81.8	76.4	19.6	2000 61	32
6E 1000 19.6 76.4 81.8 86.8 87.1 88.6 88.6 88.9 89.6	.6	89.	89.6	89.6	89.6	85.6	89.6	89.6	89.6	88.9	88 -6	88.6	£7.1	86 - 8	81.8	76.4	19.6	120781	GE
GE 1200C 20.7 78.6 84.3 69.3 89.6 91.1 91.1 91.4 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1) .6	89.	89.6	89.6	89.6	85.6	89.6	89.6	89.6	88.9	88.6	88.6	£7.1	86 - 85	81.8	76.4	19.6	160001	6E
GE 10DDC 20.7 80.0 86.1 51.4 92.9 92.9 93.2 93.9 93.9 93.9 93.9 93.9	.6	89.	89.6	89.6	89.6	89.6	89.6	89.6	89.6	88.9	88.6	88.6	£7.1	8 - 85	81 .8	76.4	19.6	140061	GE
6E 900C 22.1 82.5 88.9 94.3 55.0 96.4 96.8 96.8 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5	? •1	92.	92.1	92.1	92.1	92.1	92-1	92.1	92.1	91.4	91.1	91.1	89.6	e9. 3	84.3	78.6	20.7	120001	CE
GE 800C1 22.5 82.9 89.3 54.6 55.4 96.8 96.8 97.1 97.9 97.9 97.9 97.9 97.9 97.9 97.9	3 .9	93.	93.9	93.9	93.9	91.9	93.9	93.9	93.9	93.2	92.9	92.9	51.4	51.1	86-1	80.0	20.7	1000 C I	GE
6E 700C 22.5 82.9 89.3 54.6 55.4 96.8 96.8 97.1 97.9 97.9 97.9 97.9 97.9 97.9 97.9	7 .5	97.	97.5	97.5	97.5	97.5	97.5	97.5	97.5	96.8	96.4	96.4	55.0	94.3	88.9	82.5	22.1	908 C 1	6E
GE 500C 22.5 84.3 90.7 56.1 56.8 98.2 98.2 98.6 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99					97.9	91.9	97.9	97.9	97.9	97.1	96.8	96.8	55 .4	54 . 6	89.3	82.9			6E
GE 500C 22.5 84.3 90.7 56.1 56.8 98.2 98.2 98.6 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99	1 •9	97.	97.9	97.9		97.9	97.9	97.9	97.9	97.1	96.8	96.8	55.4	54 -6	89.3	82.9	22.5	700 C	6E
6E 450E; 22.5 84.3 90.7 56.1 56.8 98.2 98.2 98.6 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99	1 -9	97.	97.9	97.9	97.9	91.9	97.9	97.9	97.9	97.1	96.8	96.8	55 -4	54 - 6	89.3	82.9	22.5	60001	6E
GE 4000; 22.5 84.3 90.7 76.1 76.8 98.2 98.2 98.6 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99	.3	99.	99.3	99.3	99.3	95.3	99.3	99.3	99.3	98-6	98.2	98.2	\$6.8	96.1	90.7	84.3	22.5	500 C I	GE
GE 350E 22.5 84.3 90.7 96.1 56.8 98.2 98.2 98.6 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99	.3	99.	99.3	99.3	99.3	95.3	99.3	99.3	99.3	98.6	98.2	98.2	56.8	96 - 1	90.7	84.3	22.5	450C	ΘE
GE 300C 22.9 85.0 91.4 56.8 57.5 98.9 98.9 99.3 100.0	.3	99.	99.3	99.3	99.3	95.3		99.3	99.3	98.6	98.2	98.2	56.8	56.1	98.7	84-3	22.5	10000	GΕ
GE 250C1 22.9 85.0 91.4 56.8 57.5 98.9 98.9 99.3 100.0														56 - 1	90.7	84.3			GΕ
GE 200C 22.9 85.0 91.4 96.8 57.5 98.9 98.9 99.3 100.0	1 .6	99.	99.6	99.6	99.6	95.6	99.6	99.6	99.6	98.9	98.6	98-6	57.1	56.4	91.1	84.6	22.9	30001	6E
GE 200C 22.9 85.0 91.4 96.8 57.5 98.9 98.9 99.3 100.0	٥. د	100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	98.9	98.9	57.5	56.8	91.4	85.0	22.9	250 C I	G€
GE 1800 22.9 85.0 91.4 %6.8 57.5 98.9 98.9 99.3 100.0	J •0	100.	100-0	100.0		100.0	100.0	100.0	100.0	99.1	98.9	98.9	57.5	56.8	91-4	85.0			GE
GE 120C 22.9 85.0 91.4 66.8 57.5 98.9 98.9 99.3 100.0	J .D	100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	98.9	98.9	57.5	96.8	91.4	85.0	22.9	10001	GE
GE 1000 22.9 85.0 91.4 56.8 57.5 98.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 900 22.9 85.0 91.4 56.8 57.5 98.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	Q. C	100.		100.0	100.0	100.0	100.0	100.0	100.0	99.3	98.9	98.9	57.5	\$6.8	91.4	85.0	2229	150C	GE
6E 90C 22.9 85.0 91.4 %6.8 57.5 98.9 98.9 99.3 1DD.D 100.0 100.0 100.0 100.0 100.0 100.0	J •D	100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	98.9	98.9	57.5	\$6 • 8	91.4	85.Q	22.9	12006	GE
	0. C	180.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	98.9	98.9	57.5	\$6.8	91.4	85.0	22.9	10001	GE
	J •O	100.	100.0	100.0				100.0	100.D	99.3	98.9	98.9	57.5	56. 8	91.4	85.Q			6E
			100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3		98.9	57.5	96.8	91.4	85.0	22.9	80 C 1	ōΕ
GE 70Cl 22.9 A5.Q 91.4 %6.8 57.5 98.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0								100.0	100.0	99.3	98.9	98.9	57.5	\$6.8	91-4	85.Q			GE
GE 60C 22.9 85.0 91.4 56.8 57.5 96.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0	1 .0	100	100-0	100.0	100-0	100.0	100.0	100.0	100.0	99.3	98.9	96.9	57.5	56.8	91.4	85.0	22.9	6061	GE
GE 5001 22-9 85-0 91-4 56-8 57-5 98-9 98.9 99.3 100-0 100-0 100-0 100-0 100-0 100-0 100-0																			
68 400 22.9 85.0 91.4 %.8 57.5 96.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0																			
6E 3DC 22.9 85.0 91.4 %6.8 57.5 98.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0									-										
GE 2001 22.9 85.0 91.4 56.8 57.5 98.9 98.9 99.3 lug.g log.g log.d loc.d log.n log.d log.d log.d log.d																			
GE 10C 22.9 85.0 91.4 56.8 57.5 98.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	J eU	100.	100.0	100.0	100.0	105-0	100.0	170.0	100.0	99.3	98.9	98,9	57.5	56 . 8	91.4	85.0	22.9	1001	GΕ
GE C 22.9 85.0 91.4 56.8 57.5 98.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0									100.0	99.3	98.9	98.9	57.5	56.8	91.4	85.D		-	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						DE NAME:	GEL A	1TALY					PERIOD MONTH	OF REC		-87 (LST):	1800-20	700
			• • • • • •	• • • • • • •	*****	• • • • • • • • •	• • • • •	•••••			*******			• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • •
	IL ING In	٠.									HUNDREDS	_				_		
		•	RI.	6E	6€	39	6 E	GE	6 E	6E	GE	GE	GE	33	6E	GE	GE	GE
	EE T	•	160	90	80	60	48	40	32	24	20	16	15	10	8	5	•	0
•••	• • • • •	•••	• ••••	• • • • • • •	•••••		****	•••••	•••••	•••••	******	•••••	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •	
NO	CEIL	. 1	24.5	79.4	83.0	86 • 2	e7 .2	87.2	87.2	87.9	87.9	87.9	87.9	86.3	88.3	88.7	88.7	89.0
6€	2000	13	25.2	81.9	86.2	£9.7	51.5	91.5	91.5	92.2	92.2	92.2	92.2	92.6	92.6	92.9	92.9	93.3
6 E	1800	cl	25.2	e2.3	86.5	50 - 1	51.8	91.8	91.8	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
6E	1600	CI	25.2	82.3	86.5	50 - 1	51.8	91.8	91.6	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
GE	1400	ci	25.2	82.3	86.5	50.1	91.8	91.8	91.8	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
			25.7	82.3	86.5	90 - 1	51.8	91.8	91.8	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.6
					00.0		,,,,,,	, 140	71.00	,	, , , ,	42.0	72.00	72.7	76.7	7363	43.3	73.0
GF	1006	61	25.2	83.7	88.3	51.8	53.6	93.6	93.6	94.3	94.3	94.3	94.3	94.7	94.7	95.0	95.0	95.4
6E			25.5	Pa.D	88 -7	92.6	59 . 3	94.3	94.3	95.B	95.0	95.0	95.0	95.4	95.4	95.7		
6€			25.5	84.0	88.7	92.6	54.3	94.3	94.3	95.0	95.0	95.D	95.0	95.4			95.7	96.1
6E			25.5	84.0	88.7	52.6									95.4	95.7	95.7	96 -1
GE			25.5	84.D	88.7		54.3	94.3	94.3	95.0	95.D	95.0	95 • 0	95.4	95.4	95.7	95.7	96.1
OL	000	.,	83+3	04.0	00.1	92.6	54.3	94.3	94.3	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7	96.1
GE	SAN	c 1	25.5	86.2	90-8	54 . 7	56.5	96.5	96.5	97.2	07.3	07.3						
GE			25.5	86.2							97.2	97.2	97.2	97.5	97.5	97.9	97.9	96.2
GE			25.5	86.2	90.8	94.7	56.5	96.5	96.5	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9	98.2
			25.5	86.2	90.8	54 . 7	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9	98.2
GE					90-6	54.7	\$6.5	96.5	96.5	97.2	97.2	97.2	97.2	97.5	97.5	97.9	97.9	98.2
UE	300	υţ	25.5	86.5	91.1	95 . D	56 . 8	97.2	97.2	91.9	97.9	97.9	97.9	98.2	98.2	98-6	98 • 6	98.9
GE	250	CI	25.9	87.2	91.8	55.7	57.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
6E	200	CI	25.9	87.2	91.8	95.7	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
GΕ			25.9	87.2	91.8	55.7	57.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
G€			25.9	87.2	91.8	95.7	57.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
6E			25.9	87.2	91-8	95.7	57.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9	98.9	99.3	99.3	99.6
6£	100	СŁ	25.9	87.2	91.6	55.7	57.5	97.9	97.9	98.6	98.6	98.6	98.6	98.9		99.3		
GΕ			25.9	87.2	91.8	55.7	57.5	97.9	97.9	98.6	98.6	78.6	98.6	98.9	98.9		99.3	99.6
GE			25.9	87.2	91.8	96.1									98.9	99.3	99.3	99.6
GE			25.9	87.2			57.9	98.2	98.2	98.9	98.9	98.9	98.9	95.3	99.3	99.6	99.6	100.0
GE					91.8	56.1	57.9	98.2	98.2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
96	60		25.9	87.2	91-8	56 - 1	57.9	98.2	98.2	96.9	98.9	98.9	98.9	95.3	99.3	99.6	99.6	100.0
GE	50	C١	25.9	87.2	91.8	96.1	97.9	98.2	98 - 2	98.9	98.9	98.9	98.9	99.3	99.3	99.6	99.6	100.0
GΕ	40	CI	25.9	87.2	91.8	96.1	57.9	98.2	98 . 2	98.9	98.9	98.9	98.9	95.3	99.3	99.6	99.6	100.0
6E	30	CI	25.9	87.2	91.8	96.1	57.9	98.2	98 - 2	98.9	98.9	98.9	98.9	95.3	99.3	99.6	99.6	100.0
GΕ			25.9	87.2	91.0	96.1	57.9	98.2	98.2	98.9	98.9	98.9	98.9	95.3	99.3	99.6	99.6	100.0
GE			25.9	87.2	91.8	56.1	\$7.9	98-5	98.2	98.9	98.9	98.9	98.9	95.3	99.3	99.6	99.6	100.0
G€		C I	25.9	67.2	91.8	\$6.1	57.9	98.2	98.2	98.9	98.9	98 - 9	98.9	95.3	99.3	99.6	99.6	100.0

TOTAL NUMBER OF CREENVATIONS: 282

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOWRLY OBSERVATIONS

51.	ATION I	NUPBER	: 164530	STATI	OR NAME:	GELA	ITALY					PEPIOD	OF REC	ORD: 76	-87		
												HONTH			ILSTI:	2100-2	ริกต
			••••••	• • • • • •	• • • • • • • •										-		
_	ILING				_					HUNDRED							
	IN	61	6E	GE	GE_	GE	GE	GE	GE	38	33	5 E	EE	GE	G€	GE	GE
	EET	160	90	80	60	48	40	32	24	50	16	15	10	8	5	*	ü
••	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	• • • • • • •	•••••	•••••	• • • • • • •	••••••	•••••	
NO	CEIL	11.4	81.5	87.1	93.0	54 .5	94.8	94.8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.3
			0	0,	,,,,,	14.5	77.0	77.0	7302	7342	73.0	73.0	77	73.7	70.3	70.3	76.3
GE	2000 C	31.9	81.9	87.5	93.4	54 .8	95.2	95.2	95.6	95.6	95.9	95.0	96.3	96.3	96.7	96.7	96.7
GE	1800 C	31.4	81.9	87.5	53.4	54 .8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
€£	1600 C	31.4	81.9	87.5	53.4	54 .8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
GE	14000	31.4	81.9	87.5	53.4	54 .8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
GΕ	1200 €	31.4	81.9	87.5	53.4	54 .8	95.2	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.7	96.7	96.7
								•									
	1000 C		83.4	88.9	54.8	56.3	96.7	96.7	97.0	97.0	97.4	97.4	97.8	97.8	98.2	98.2	96.2
GE		12.5	84.1	89.7	95 . 9	57.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99,3	99.3	99.3
GE		32.5	84.1	89.7	95.9	57.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
6E		32.5	84.1	89.7	55.9	57.4	97.8	97.8	98.2	98.2	98.5	98.5	96.9	98.9	99.3	99.3	99.3
еĘ	POUL	32.5	84.1	89.7	55.9	57.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
Œ	5000	32.5	84.1	89.7	55.9						•••						
6E		32.5	84.1	89.7	95.9	57.4 57.4	97.8 97.8	97.8 97.8	98.2	98.2 98.2	98.5 98.5	98.5 98.5	98.9	98.9	99.3 99.3	99.3	99.3
6E		32.5	84.1	89.7	55.9	57.4	97.8	97.B	98.2	98.2	98.5	98.5	98.9	98.9 98.9	99.3	99.3	99.3
GE		12.5	64.1	89.7	\$5.9	57.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3 99.3	99.3 99.3
GΕ		32.5	84.1	89.7	55.9	57.4	97.8	97.8	98.2	98.2	98.5	98.5	98.9	98.9	99.3	99.3	99.3
				• • • • • • • • • • • • • • • • • • • •	,			, , , ,	,,,,,	,,,,	,000	, ,	, , ,		****	,,,,	,,
ΘE	256€	32.5	84.9	90.4	56.7	58 -2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GΕ	200 01	12.5	84.9	70.4	56.7	58.2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GE	1600	:2.5	84.9	90.4	96.7	58 . 2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GΕ		12.5	84.9	90.4	96.7	58 . 2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GE	1208	32.5	84.9	90.4	56.7	58 • 2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GE		22.5	84.9	90.4	56.7	98 • 2	98-5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
55		32.5	84.9	90.4	56.7	58 -2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100-0	100.0
GE		32.5	84.9	90.4	56.7	58.2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GE		32.5	84.9	98.4	96.7	\$8.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE	600	32.5	84.9	90.4	56.7	\$8.2	98.5	98.5	98.9	98.9	99.3	99.3	99.6	99.6	100.0	160.0	100.0
GE	Spri	22.5	84.9	90.4	56.7	\$8.2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GE		12.5	84.9	90.4	56.7	58.2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	0.00	100.0	100.0
ĞĒ		32.5	84.9	70.4	96.7	58 .2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
GE		12.5	A4.9	90.4	56.7	58 . 2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	160.0	100.0
GE		22.5	84.9	90.4	\$6.7	58 - 2	98.5	98.5	98.9	98.9	99.3	99.3	95.6	99.6	100.0	100.0	100.0
															-		
GE	CI	32.5	84.9	90.4	56.7	\$8 •2	98.5	98.5	98.9	98.9	09.3	99.3	99.6	99.6	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: JLN HOURS (LST): •••••• CE IL ING VISIBILITY IN HUNDREDS OF METERS GT 6E GE SE GE GE GE 6E GE 6E Œ GE GE GE FÉÉT 32 24 20 0 1 160 90 80 60 40 16 10 48 NO CEIL | 24.0 78.2 83.3 67.6 66.8 89.4 89.4 R 9. 9 90.1 90.2 90.2 96.3 90.3 90.4 90.4 90.5 91.5 91.6 91.6 6E 200801 24.1 91.4 91.5 91.5 91.5 91.6 91.6 91.6 79.2 84.5 88.8 50 - 1 90.7 90.7 91.2 91.6 91.7 91.7 GE 18000| 24.1 GE 1600C| 24.1 79.2 79.2 84.5 88.9 88.9 90 -2 90 -2 90.9 90.9 90.9 90.9 91.3 91.3 91.8 91.8 91.8 91.8 91.9 91.9 91.9 92.0 92.0 140061 24.1 79.2 84.5 50 .2 50 .9 90.9 91.5 GE 88.9 90.9 91.3 91.5 91.6 91.6 91.8 91.8 91.9 91.9 92.0 120001 24.4 91.5 92.0 92.2 92.3 92.6 GE 100001 24.9 82.1 87.7 92 . 1 93.4 94.5 94.1 94.1 94.8 94.8 95.0 95.2 95.0 95.1 95.1 6E 90001 25.6 80001 25.6 54.5 54.7 96.9 97.2 97.2 97.5 97.2 97.5 91.4 97.4 97.6 97.5 97.7 84.2 84.4 89.8 95 .8 96.5 96.5 97.5 97.7 97.6 97.8 90.1 56 • 1 56 • 1 96.7 96.7 700C] 25.6 90.1 96.7 97.4 97.6 97.2 96 • 7 96 • 7 GE ADD 01 25.6 84.4 90.1 97.8 500 C1 25-6 95.9 95.9 GE 85.6 91.3 57.3 97.9 97.9 98.4 98.6 98.7 98.7 98.8 98.8 99.0 99.0 99.1 6E 98.7 98.7 99.0 45UC1 25.6 91.3 57.3 57.3 97.9 98.4 98.4 98.6 98.8 98.8 99.0 85.6 97.9 99.1 98.6 98.8 98.7 98.9 400 CT 25.6 85.6 91.3 96 • D 98.0 98.0 98.7 98.9 98.9 99.0 99.0 99.1 6E 35001 25.7 300ci 25.8 85.8 91.5 56 - 1 57.5 98.1 98.1 98.6 98.9 99.0 99.0 99.2 99.1 99.1 99.2 85.9 99.5 G€ 25001 25.8 86.3 92.0 96 . 7 58.1 98.7 99.2 99.4 99.5 99.5 95.6 99.6 99.8 99.8 99.9 9 R. 7 96.7 96.7 96.7 99.5 99.5 99.5 99.5 99.5 99.5 GE GE 200 C1 25.8 180 C1 25.8 86.4 92.1 92.1 58 . 1 58 . 1 98.8 98.8 98.8 99.2 99.5 99.5 95.7 99.7 99.8 99.8 99.9 86.4 95.7 99.7 99.8 GE 150CT 25.8 92.1 58.1 98.8 98.8 99.2 99.8 GE 120 CT 25.8 86-4 92.1 96.7 58 - 1 98.8 98.8 99.2 99.5 99.5 99.5 0 C. 7 99.7 99.A 99.9 GE GE 100CJ 25.8 86.4 92.1 92.1 96.7 96.7 96.8 98.8 99.2 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.8 99.9 58.1 98.8 95.7 99.7 99.8 98.8 99.7 99.8 58 . 1 95.7 95.7 95.7 99.8 99.6 GE 8DC | 25.8 86.4 92.1 58 - 1 98.8 98.8 99.3 99.6 99.7 99.7 99.9 99.9 99.9 100.0 6E 76 CI 25.8 92.1 98.8 99.3 98.8 56 . 8 58.1 100.0 6E 6UC1 25.8 98.8 99.3 98.8 99.7 99.7 99.7 GE GE 50C1 25.8 92.1 58 . 1 58 . 1 98.8 99.3 99.3 99.5 99.5 99.6 99.6 95.7 99.9 99.9 100.0 40C1 25.8 30G1 25.8 86.4 56.8 98.8 99.9 99.9 99.6 99.6 99.9 86.4 56 . B 58.1 98.8 98.8 99.3 99.5 95.7 100.0 92.1 20C1 25.8 % .8 % .8 58 . 1 99.3 99.6 99.6 95.7 99.7 99.9 99.9 100.0 92.1 86.4 58.1 98.8 98.8 99.3 99.5 99.6 99.6 95.7 99.7 99.9 99.9 100.0 GE CI 25.8 86.4 92.1 56.8 58.1 98.8 98.8 99.3 99.5 99.6 99.6 95.7 00.7 99.9 99.9 100.0

GLOBAL CLINATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUPBER: 16453C STATION NAME: GELA ITALY PEPIOD OF RECORD: 78-87 MONTH: JLL HOURS(LST): 0000-0200 VISIBILITY IN HUNDREDS OF METERS CE IL ING 6E 32 GF GE GE GF 6 F 6 F GE GE GE FEET 1 160 90 **š**p 40 20 16 12 10 60 98 NO CEIL 1 20.2 75.3 86.7 \$3.9 97.0 97.0 97.7 97.7 97.7 98.1 98.1 98.1 98.1 98.1 98.1 GE 2000C1 20.2 75.3 86.7 54.3 \$6.6 97.3 97.3 98.1 98.1 98.1 98.5 98.5 98.5 98.5 98.5 75.3 75.3 66.7 86.7 54.3 54.3 56.6 56.6 97.3 97.3 98.5 99.5 98.5 98.5 98.5 GE 180001 20.2 97.3 98.1 98.1 98.1 98.5 98.5 98.5 GE 1600C| 20.2 97.3 98.1 98.1 98.1 140001 20-2 75.3 86.7 54.3 56 .6 97.3 98.1 98.1 98 • 1 98.5 90.5 98.5 98.5 98.5 98.5 1200 CI 20.2 98.5 98.5 98.5 98.5 GE 1000C1 20.2 75.7 87.1 87.5 87.5 87.5 94.7 95.1 95.1 57.0 97.7 97.7 98.5 98.5 98.5 98.9 98.9 99.2 99.2 98.9 98.9 98.9 98.9 90001 20.2 80001 20.2 76.0 76.0 97.3 97.3 98.1 98.1 98.1 98.9 98.9 98.9 99.2 99.2 99.2 99.2 99.2 98.1 98.1 98.9 98.9 98.9 GΕ 600E1 20.2 76.0 98.9 98.9 98.9 99.2 99.2 99.2 500C1 20.2 45001 20.2 87.5 87.5 95.2 95.2 55.1 55.1 57.3 57.3 98.1 98.1 98.9 98.9 99.2 99.2 99.2 GE 76.0 98.1 98.9 98.9 99.2 99.2 99.2 99.2 GE 76.0 98.1 98.9 99.2 98.9 98.9 76.0 98.9 400C1 20.2 87.5 95.1 57.3 98.1 98.1 98.9 99.2 95.2 99.2 99.2 99.2 99.2 350 C | 20.2 300 C | 20.2 98.9 99.2 76.0 87.5 95.1 57.3 98.1 98.1 98.9 99.2 99.2 99.2 99.2 99.2 76.0 100.0 250 Cl 20.2 98.9 98.9 98.9 95.8 98.9 100.0 100.0 100.0 GE GE 200 CT 20.2 88.2 99.6 99.6 99.6 100.0 100.0 100.0 76.4 95.8 58.1 98.9 100.0 100.0 100 - B 76.4 55.8 58.1 98.9 100.0 100.0 100.0 150C| 20.2 120C| 20.2 100.0 100.0 100.0 100.0 100.0 88.2 55.8 58 . 1 98.9 98.9 99.6 100.0 100.0 100.0 100.0 100.0 99.6 99.6 99.6 GE GE Inoc1 20.2 76-4 100-0 100.0 88.2 95.8 98.1 98.0 98.9 99.6 4.99 100-0 100-0 100.0 100.0 76.4 90C1 20.2 \$8 .2 88 .2 55.8 58 · 1 58 · 1 98.9 98.9 99.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 GE \$5.A 100.0 100.0 100.0 7001 20.2 88.2 58 - 1 98.9 98.9 99.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 60C1 20-2 88.2 100.0 100.0 6E GE 50C1 20.2 76.4 88.2 95.8 58.1 98.9 98.9 99.6 99.6 99.6 100.0 100.0 100.0 100.0 106.0 400| 20.2 300| 20.2 200| 20.2 300| 20.2 88.2 98.9 98.9 99.6 99.6 100.0 100.0 76.4 55.8 \$8 . 1 98.9 99.6 100.0 100.0 100.0 100.0 76.4 GE 88 -2 95.8 98.9 99.6 100.0 100.0 100.0 100.0 99.6 98.9 98.9 100.0 GF 88.2 95.8 98.9 98.9 99.6 99.6 100.0 100.0 100.0 100.0 100.0 99.6 100.0 \$5.8 100.0 100.9 100.0 100.0 99.6 100.0 C1 20.2 88.2 98.9 99.6 100-0 100-0 100-0 98.9 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUM	BER: 164530	STATIO	NAME:	GEL A	1 TAL Y						OF REC		-		
										MONTH	: JLL	HOURS	ILST1:	2 0- 008 0	00
	•••••	•••••	• • • • • • •	• • • • • •	•••••						• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	**********
CEILING I	36 T6	6 E				VISIBIL:	GE GE	MUNUKEU: GE	S UP ME GE	GE	EE	GE	GE	GE	GE
FEET		80 6	GE.	6E	GE .	32	UK. 24	20	36	12	10	8	5	4	0.
	100 40		60	48	40	32	24								U
					•••••	•••••	• • • • • • •	••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••		•••••
NO CEIL 1 2	1.1 80.1	87.8	54 - 3	56.7	97.2	97.2	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000 C1 2	1.1 80.1	87.8	\$4.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
6E 1800C1 2	1.1 80.1	87.6	54 - 7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	79.2	99.2	99.2
GE 160001 Z	1.1 80.1	87.8	94.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 1400E1 2	1.1 80-1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200C) 2	1.1 80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
cr veneri s					97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 1000C1 2 GE 900C1 2		87.8 87.6	94 . 7 94 . 7	57.2 97.2		97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE Snact 2		87.8	54 . 7	57.2	97.6 97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
6E 700C1 2		87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 60001 2		87.8	94 . 7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
oc 90007 1		0.00	,,,,,	,,,,,	,,,,	,,,,,	,,,,,	,,,,,	****	****	, ,			77.00	, , ,,
6E 500C1 2	1.1 80.1	87.8	54 . 7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 45001 2	1.1 80.1	87.8	54 . 7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 40001 2	1.1 80.1	87.8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 350 C1 2	1.1 80.1	87 -8	54.7	57.2	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 30001 2	1.1 80.1	87.8	54.7	57 •Z	97.6	97.6	98.4	98.8	99.2	99.2	95.2	99.2	99.2	99.2	99.2
GE 25001 2	1-1 80-1	88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200C1 2		88.2	55.1	57.6	98.0	98 • D	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6E 180C1 2		88.2	73 • 1 75 • 1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6E 150cl 2		88 •2	55.1	57.6	98.0	98 • D	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6E 120C1 2		88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
					,										
GE 10001 2		88.2	55.1	97.6	96.0	98-0	98.8	99.2	99.6	99.6	95.6	99.6	99.6	99.6	99.6
GE 90CI 2		88.2	55.1	57.6	98.0	98.0	98.8	99.2	99.6	99.6	95.6	99.6	99.6	99.6	99.6
6E 800 2		88 •2	55 - 1	57.6	98.D	98.0	98.8	99.2	99.6	99.6	95.6	99.5	99.6	99 - 6	99.6
6E 70C) 2		88 .2	55-1	57 -6	98.0	98.0	98.8	99.2	99.6	99.6	95.6	99.6	99.6	99.6	99.6
GE 60C1 2	1.1 80.1	88.2	55.1	\$7.6	98.0	98.0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 5001 2	1.1 80.1	88.2	95 . 1	57.6	96.0	98.0	98.8	99.2	99.6	99.6	95.6	99.6	99.6	99.6	99.6
GE 40CI 2		88.2	55.1	57.6	98.0	98 . D	98.8	99.2	99.6	99.6	95.6	99.6	99.6	99.6	99.6
GE 3001 2		88.2	55.1	\$7.6	98.0	98 • D	98.8	99.2	99.6	99.6	95.6	99.6	99.6	99.5	99.6
6E 20Cl 2		88.2	55.1	57.6	98.0	98 • 0	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1001 2		88.2	55.1	57 .6	98.0	98.0	98.8	99.2	99.6	99.6	95.6	99.6	99.6	99.6	99.6
									50 4						100 0
GE C1 2	1-1 80-1	88.2	1.62	\$7.6	98.0	98.0	98.8	99.2	99.6	99.6	95.6	77.6	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS: 246

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

51	ATION	NU	PBER:	164530	STATE	DA NAME:	GELA	1TALY					PERIOD MONTH	OF RECO		-87 (LST): (1600-0 E	00
					•••••					•••••				: J([, , , , , , ,	
	IL ING								VISIBIL:	ITY IN	HUNDRED	OF ME						
	IN	ļ	61	39	96	33	GE	GE.	GĘ	æ	GE	39	39	EE	GE	GE	GE	GE
F	EE T	ı	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
••	•••••	•••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	•••••
NO	CEIL	1	6.5	64.2	72.4	84.0	£8 - 1	89.4	89.4	90.4	91.1	91.5	91.5	91.8	91.8	97.2	92.2	92.5
GE	20001	Cl	6.5	64.5	72.7	64.6	68.7	96.1	90.1	91.1	91.8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
6E	1800	12	6.5	64.5	72.7	6. 43	£8.7	90.1	90.1	91.1	91.8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
G€	1600	Ci	6.5	64.5	72.7	84.6	£8 .7	90.1	90.1	91.1	91.8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
GE	1400	C 8	6.5	64.5	72.7	24 . 6	E8 .7	90.1	90.1	91-1	91-8	92.2	92.2	92.5	92.5	92.8	92.8	93.2
GE	1 200	5 (6.5	64.8	73-0	65. 0	29 • 1	90.4	90.4	91.5	92.2	92.5	92.5	92.8	92.8	93.2	93.2	93.5
GE	1000	1.	6.5	65.5	74 -1	86.0	1.02	91.5	91.5	92.5	93.2	93.5	93.5	92.9	93.9	94.2	94.2	94.5
GE			6.5	65.9	74.7	86.7	51.1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95.2	95.2	95.6
GE	800	G Å	6.5	65.9	74.7	26.7	51.1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95.2	95.2	95.6
GE	700	1	6.5	65.9	74.7	26.7	51 -1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95.2	95.2	95.6
GE	600	Ü	6.5	65.9	79.7	86.7	51 -1	92.5	92.5	93.5	94.2	94.5	94.5	94.9	94.9	95+2	¥5•2	95.6
GE	5001	[]	6.5	69.3	78.2	50.1	54.5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	49.0
6E	4501	c i	6.5	69.3	78.2	50.1	54.5	95.9	95.9	96.9	97.6	98 . D	98.0	98.3	98.3	98.6	98.6	99.0
6E	400	o i	6.5	69.3	78.2	50.1	54.5	95.9	95.9	96.9	97.6	98.D	98.0	98.3	98.3	98.6	98.6	99.0
GE		c i	6.5	69.3	78.2	50.1	54.5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	99.0
GΕ	300 (ci	6.5	69.3	78.2	50.1	54 -5	95.9	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.6	98.6	99.0
GE	2500	0 1	6.5	69.6	78.5	90.4	54.9	96.2	96.2	97.3	98.0	98.3	98.3	98.6	98.6	99.0	99.0	99.3
GE	2001	C i	6.5	69.6	78.5	90.8	55.2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
6E	180	G	6.5	69.6	78.5	90.8	55 .2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99 - B	99.3	99.3	99.7
GE	1501	G 1	6.5	69.6	78.5	90.8	55.2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
6E	1201	G ŧ	6.5	69.6	78,5	80.8	55 • 2	96.6	96.6	97-6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
G£	100	1.0	6.5	69.6	78.5	50.8	55.2	96.6	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE	901	1.0	6.5	69.6	78.5	90.8	55.2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
GE	801	GÌ	6.5	69.6	70.5	90 - 8	55 . 2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
GE	761	1 2	6.5	69.6	78.5	50 · 8	55.2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
GΕ	601	C #	6.5	69.6	78.5	50.8	55.2	96-6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
GΕ	50	. 1	6.5	69.6	78.5	50.8	55.2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
GE	401	1.	6.5	69.6	78.5	90.8	55 . 2	96.6	96.6	97.6	98.3	98.6	99.6	99.0	99.0	99.3	99.3	99.7
GE	301	G (6.5	69.6	78.5	90.8	95 • 2	96.6	96.6	97.6	98.3	98.6	90.6	95.0	99.0	99.3	99.3	99.7
GΕ	201	1 2	6.5	69.6	78.5	90.8	55 . 2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	99.7
38	10	G !	6.5	69.6	78.5	5D.8	55 .2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99 i p	99.3	99.3	99.7
6E			6.5	69.6	78.5	90.8	55.2	96.6	96.6	97.6	98.3	98.6	98.6	95.0	99.0	99.3	99.3	100.0

PERCENTAGE FREDUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

STA	TION NO	PBER:	164530	STATI	ON NAME:	GEL A	ITALY					PERIOD	OF REC	DRD: 78	-87		
												MONTH	: յևլ	HOURS	(LST1:	0900-11	00
		• • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••		•••••		• • • • • • •	******	• • • • • • •	• • • • • •	•••••	• • • • • •	••••
	LING	**			~ **			VISIBIL					C#				
	N I	61	39	G€	6€	6€	GE	6E	GE	6E	GE	6E	GE.	G£_	6E 5	G E	G E
, ,	ET I	160	90	60	60	48	40	32	24	20	16	12	10	8	•	•	O
•••	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • • • •			•••••	• • • • • • •	• • • • • • •	•••••	• • • • • •	
NQ	CEIL !	9.3	67.4	82.1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6
GΕ	200061	9.3	67.4	82.1	52.1	93.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6
ŝĒ	180001	9.3	67.4	82.1	52 - 1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6
6E	1 600 C I	9.3	67.4	82.1	52 • 1	53.8	95.2	95 • 2	95.5	95.5	95.9	76 • 2	96.2	96.2	96.6	96.6	96.6
€£	140001	9.3	67.4	82-1	92.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6
G€	150001	9.3	67.4	82-1	52.1	53.8	95.2	95.2	95.5	95.5	95.9	96.2	96.2	96.2	96.6	96.6	96.6
6E	100001	9.3	68.7	83.5	93.5	55.2	96.6	96.6	96.9	96.9	97.3	97.6	97.6	97.6	97.9	97.9	97.9
GE	90001	9.3	68.7	83.5	93.5	55.5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	98.3
GE	80001	9.3	68.7	83.5	53.5	55 .5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	96.3
GE	700 C I	9.3	68.7	83.5	53.5	55.5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	98.3
GÈ	960 C J	9.3	68.7	83.5	53.5	95.5	96.9	96.9	97.3	97.3	97.6	97.9	97.9	97.9	98.3	98.3	96.3
GE	50001	9.3	70_1	84.9	54 . 8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	99.7
GE	45001	9.3	70.1	84.9	54 . 8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	99.7
GΕ	40001	9.3	70-1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	90.D	99.3	95.3	99.3	99.7	99.7	99.7
6E	35001	9.3	70.1	84.9	54.8	56.9	98.3	98.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	99.7
GE	300 c l	9.3	70.1	84.9	54 . 8	96 .9	98.3	98.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	99.7
	-														•		
GE	250 C I	9.3	70.1	84.9	94 . B	56.9	98.3	98.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	99.7
GE	200 C	9.3	70.1	85 •2	95.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
G€	18061	9.3	70.1	85.2	95 • 2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	10C *0
GE	15001	9.3	70.1	85.2	95 • 2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100 *0
GE	15061	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100-0	100.0	100.0
GE	10001	9.3	70.1	85.2	95.2	57.3	98.6	98.6	99.0	99.B	99.3	99.7	95.7	99.7	100.0	100.0	100.0
Ġξ	9661	9.3	70.1	85.2	55.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GΕ	8001	9.3	70.1	85.2	95.2	57.3	98.6	98 . 6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GE	7001	9.3	70-1	85.2	\$5.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100-0	100.0	100.0
GE	1300	9.3	70.1	85.2	55.2	57.3	98.6	98 • 6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
SE	5001	9.3	70.1	85.2	\$5.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7		100.0	100.0
GE	4601	9.3	70.1	85.2	\$5.2	67.3	98.6	98 - 6	99.0	99.D	99.3	99.7	95.7	99.7	100.0	100.0	100.0
G€	30.01	9.3	70.1	85.2	55.2	97.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GE	5001	9.3	70-1	85.2	\$5.2	57.3	98.6	98.6	99.0	99.0	99 • 3	99.7	95.7	99.7	100.0	100.0	100.0
6€	1001	9.3	70.1	85.2	\$5.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GE	61	9.3	70.1	85.2	\$5.2	57.3	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	104.0
•••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	••••

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

WIN MENIMEN SENAICELMAC

ST	ATION A	U FBE R :	164530	STATI	OR NAME:	GEL A	J TAL Y						OF REC)RO: 78	-87		
												MONTH	: JLL	HOURS	11511:	1200-14	20
	IL ING	• • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • •				HUNDRED			• • • • • • •		• • • • • •	• • • • • •	•••••
	IN I	61	GΕ	G E	6 E	GE	GE	912161F	EE IN	GE	5 UF 17E	CE	33	GE	G€	GE	6 E
	ET I	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0.0
					• • • • • • • • •		•••••		•••••								
NO	CEIL I	11.D	70.7	8 3 .D	51.3	53.3	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7
			•••												• •		
	2000 C		71.0	83.3	91.7	53.7	95.0	95.3	95.3	95.7	95.7 95.7	95.7 95.7	95.7 95.7	95.7 95.7	96.0 96.0	96.0	96.0
	16000		71.0 71.0	83.3	\$1.7 \$1.7	\$3.7	95.G	95.3	95.3	95.7	95.7	95.7	95.7	95.7	96.0	96 • 0 96 • 0	96.D 96.D
	14000		71.0	83.3		53.7	95. D	95.3	95.3	95.7		95.7	95.7				
					91.7	53.7	95.0	95.3	95.3	95.7	95.7			95.7	96.0	96.0	96.0
GE	150001	11.0	71.0	83.3	\$1.7	53.7	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0
G.F	100001	11.0	72.D	84.3	52.7	54 . 7	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0
GE		11.0	73.0	85.3	54.0	56.0	97.3	97.7	97.7	98.0	98.G	98.0	98.0	98.0	98.3	99.3	98.3
GE		11.0	73.0	85.3	\$4.0	56 • D	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3
GE		11.0	73.0	85.3	54 • G	96 • D	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3
GΕ		11.0	73.0	85.3	54.0	56.0	97.3	97.7	97.7	98.0	98.D	99.0	98.0	98.0	98.3	98.3	98.3
-	80001	2110	. 3.0	0,.,	74.0	70 .0	7103	71.1	7.01	70.0	70.0	7440	70.0	70.0	70.3	40.0	70.3
GE	500 C I	11.0	74.3	86.7	\$5.3	57.3	98.7	99.0	99.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	99.7
GE		11.0	74.3	86.7	55.3	57.3	98.7	99.0	99.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	99.7
GΕ		11.0	74.3	86.7	95.3	57.3	98.7	99.0	99.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	99.7
ĞĒ		11.0	74.3	86.7	95.3	57.3	98.7	99.0	99.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	99.7
6E		11.0	74.3	86 • 7	55.3	57.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
		-1.0		••••													
GE	25001	11.0	74.7	87.0	55.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE		11.0	74.7	87.0	55.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100•n	100.0	100.0
GE		11.0	74.7	87.0	55.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE	1506	11.0	74.7	87.0	55.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE		11.0	74.7	87.0	55.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
					. • •										•		- 00 00
68	100 C	11.0	74.7	87.0	95 • 7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE	90 C I	11.0	74.7	87.0	55.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE	6001	11.0	74.7	87.D	95.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GΕ	7001	11.0	74.7	87-0	55.7	97.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE	60 C I	11.0	74.7	87.0	95.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
_																	
GE		11.9	74.7	87.0	55.7	57.7	99.B	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	109.0	100.0
GE		11.0	74.7	87.0	95.7	57.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE		11-0	74-7	87.0	95 • 7	\$7.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE		11.0	74.7	87.0	55.7	57 . 7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
G€	100	11.0	74.7	87.0	95.7	97.7	99.0	99.3	9 9 • 3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
G€	0)	11.0	74.7	87.0	55.7	\$7.7	99.0	99.3	99.3	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100 •0

TOTAL NUMBER OF GREEN WATIONS: 300

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 16453C STATION HAME: GELA ITALY

				•••••		• • • • • • • • • • • • • • • • • • • •							MONTH	: JUL	HOURS	(LST):	1500-17	
	LIN		• • • • • •		••••	•••••	• • • • • •				HUNDREDS		TERS	•••••	• • • • • • •	******	• • • • • • •	•••••
	M	_ I	61	39	6 E	66	6E	Œ	6£	Œ	GE	6E	GE	EE	GΕ	38	GE	6 E
	ET	i	160	90	90	60	48	40	32	24	20	16	12	10	8	5	•	0
•••		• • •	• •• • • •	• • • • • • •	••••	•••••	• • • • •	•••••	•••••	•••••	• • • • • • • •		• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • • •
NO	CE1	LI	12.1	73.1	81.7	51.7	52.4	94.1	94.1	74.5	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8
			12.1	73.8	82.4	92 - 4	53.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
			12.1	73.8	82.4	92.4	53.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
			12.1	73.8	82.4	52.4	53.1	94.8	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
			12.1	73.8	82.A	52.4	53.1	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
ÞΕ	150	0 C I	12.1	73.8	82.4	52.4	93.1	94.8	94 .8	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
			12.4	74.5	83.1	\$3.1	\$3.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2
6E			12-4	74.5	83.4	54 - 5	55 •2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97,6	97.6	97.6
GΕ			12.4	74.5	03.4	54.5	55.2	96.9	96.9	97.2	97.2	97.Z	97.2	97.2	97.2	97.6	97.6	97.6
38			12.4	74.5	83.4	94 - 5	55 .2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6
6E	60	8 C I	12.4	74.5	83.4	94.5	55 •2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6
¥			12.4	76.6	85.5	96 . 6	57 .2	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GΕ			12-4	76.6	85.5	96.6	57.2	99.0	99.0	99.3	99.3	99.3	99.3	95.3	99.3	99.7	99.7	99.7
Æ			12.4	76.6	85.5	96 - 6	57 .2	99.0	99.0	99.3	99.3	99.3	99.3	95.3	99.3	99.7	99.7	99.7
ΒĒ			12.4	76.6	85.5	56.6	57.2	99. B	99.B	99.3	99.3	99.3	99.3	99.3	99 • 3	99.7	99.7	99.7
ŝΕ	30	001	12.4	76.6	85.5	56.9	\$7.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE			12.4	76.6	85.5	56.9	\$7.6	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GΕ	20	0 C	12.4	76.6	85.5	96 . 9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE			12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE			12.4	76-6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
6E	12	001	12.4	76.6	85.5	96.9	97.6	99.3	99.3	99.7	99.7	99.7	90.7	99.7	99.7	100.0	100.0	100.0
6E			12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE	9	001	12.4	76.6	85.5	96 - 9	57.6	99.3	99.3	79.7	99.7	99.7	99.7	99.7	99.7	100-0	100.0	100.0
ĞΕ		001	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
GE			12.4	76.6	85.5	96.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
38	6	oci	12.4	76.6	85.5	96 - 9	57 .6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
32			12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100-0	100.0	100.0
θĘ			12.4	76.6	85.5	56 . 9	97.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
ĞΕ			12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
6E			12.4	76.6	85.5	96.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
θĒ	1	001	12.4	76.6	85.5	56.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
38		C I	12.4	76.6	85.5	\$6.9	57.6	99.3	99.3	99.7	99.7	99.7	99.7	95.7	99.7	100.0	100.0	100.0
•••					•••••													

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION NAME: PERIOD OF RECORD: 78-87 HOURS (LST): 1800-2000 MONTH: JUL VISIBILITY IN HUNDREDS OF METERS CE IL ING 1 61 Œ 6E GΕ GE ĒΕ FEET 90 24 80 60 . 40 32 20 10 Ω NO CEIL | 13.7 83.3 72-0 50.4 52.5 93.2 93.2 93.5 93.9 93.9 93.9 93.9 93.9 GE 200001 83.6 93.5 93.5 93.5 72.4 52.8 52.8 \$1.1 93.5 93.5 93.9 93.9 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 18000| 13.7 72.4 51.1 94.2 94.2 94·2 94·2 94.2 94.2 94.2 6E 160001 13.7 72.4 72.4 43.6 51 - 1 5**2.**8 93.5 93.9 94 •2 94.2 94.2 94.2 94 .2 94 .2 83.6 51.1 93.5 93.5 94.2 92.8 93.5 93.9 94.2 94.2 94.2 94.2 94.2 GE 120001 13.7 72.4 83.6 51.1 93,5 93.9 94.2 94.2 94.2 94.2 94.2 GE 100001 13.7 73.0 84.3 \$1.8 43.5 94.9 94.2 94.5 94.9 94.9 900 C 14.0 94.9 94.9 94.9 94.9 95.9 95.9 95.9 95.9 96.2 73.4 73.4 96,6 85.D 92 . 8 54.5 96.6 96.6 96.6 96.6 96.6 96.6 6E 54.5 54.5 54.5 85.0 52.8 92.8 95.9 96.2 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 76 . 6 70061 19.8 73.4 85.0 96.6 96.6 52.8 96.6 95.9 95.9 96.2 96,6 96 • 6 96.6 50001 14.0 76.8 ... \$6.2 58 . D 99.3 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 450C1 14.0 40001 14.0 76.8 76.8 88.4 \$8.0 \$8.0 56 • 2 56 • 2 99.3 99.3 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.3 100.0 100.0 100-0 100.0 100.0 100.0 39 350C| 14.0 88.4 100.0 96.2 99.3 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 30001 14.0 58.0 10C.0 100.0 100.0 100.0 100.0 100.0 GE 250C1 14.0 76.8 .88 96 . 2 58.0 99.3 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 0.00 t 100.0 GE GE 200C| 14.0 180G| 14.0 76.8 88.4 96 • 2 96 • 2 58.0 99.3 99.3 99.3 99.3 99.7 99.7 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 150 CI 19-0 96 • 2 96 • 2 99.3 99.3 76.8 88.4 98 .D 99.3 99.7 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 120C| 14.0 58.0 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 58.0 58.0 58.0 GĒ 100C| 14.0 96.2 99.3 99.7 99.3 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 99.3 99.3 99.3 9001 14.0 8001 14.0 76.8 76.8 88.4 56 · 2 56 · 2 GE 99.3 99.7 99.7 100.0 100.0 100.0 100.0 100 • 0 100 • 0 100.0 100 .D 100.0 100.0 100.0 100.0 100.0 100.0 70C 14.0 58.0 99.7 100.0 100-0 100.0 10t.0 100.0 100.0 100.0 100.0 6661 14.0 76.8 68-4 98 -D 99.7 100.0 100.0 100-0 100.0 100.0 100.0 100-0 50Cf 14.0 76.4 88.4 190.0 96.2 58.0 99.3 99.3 99.7 100.0 100.0 0.301 100.0 100-0 100.0 100.0 GE GE 40C| 14.0 30C| 14.0 76.8 88.4 56 • 2 56 • 2 58.0 99.3 99.3 99.7 99.7 100.0 100.0 100.0 10C.O 100.0 100.0 0.001 100.0 76.8 88.4 100.0 100.0 100.0 100.0 100.0 100.0 2001 14.0 1001 14.0 88.4 58.0 76.8 56.2 99.3 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 56.Z 58.0 99.3 99.3 99.7 100-0 100.0 100.0 10C.0 100.0 100.0 100.0 100.0 CI 19.0 58 .D 99.5 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

STA	T 10	N	UPBER :	164530	STATI	DN NAME:	6EL A	ITALY					PERIOD Honth	OF REC		-87 1LST):	2100-23	300
			• • • • • •	• • • • • • •	****	•••••	• • • • •							• • • • • • •	• • • • • • •	•••••	•••••	************
	l in N		aT.	6E	6£	6E	6£	Œ	PE ATTIBLE	# 1 T Z 7 T 7 T 7 T 7 T 7 T 7 T 7 T 7 T 7 T	HUNDRED!	6E	25 16 K Z	EE	6E	GF	GE	GE
	Ēī		160	96	80	68	48	40	32	24	20	16	12	10		٠,	95	, C
_		-				• • • • • • •							•••••					
																	•••••	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
NO	CEI	LI	19.1	75.1	88.1	55.3	16.4	97.5	97.5	97.5	97.8	97.8	97.8	98.2	98.2	98.6	98.6	98.6
6E	200	(30	19.1	75.1	88.1	95.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
			19.1	75.1	88 -1	55.7	56 . 8	97.8	97.8	97.8	98.2	98.2	98.2	96.6	98.6	98.9	98.9	98.9
βE	160	130	19.1	75.1	85 -1	55 - 7	96 . 8	97.8	97.8	97.8	98.Z	98.2	98.2	98.6	78.6	98.9	98.9	98.9
6E	140	100	19.1	75-1	88-1	55.7	56.8	97.8	97.8	97.6	98.2	98.2	94.2	98.6	98.5	98.9	98.9	98.9
6E	120	B C 1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97,8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GΕ	100	0 C 1	19.1	75.1	88.1	55.7	56.8	97.8	97.8	97.8	98.2	98.2	98.2	98.6	98.6	98.9	98.9	98.9
GΕ			17.5	75.8	88.8	56.8	47.0	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100.0
6E			19.5	75.4	88.6	56 . 8	57.8	78. 7	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100.0
G€	701	sci	19.5	75.8	80.0	16.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100-0	100.0	100.0
SE	600	130	19.5	75.8	88-8	56.8	97.8	98.9	98.9	78.7	99.3	99.3	99.3	95.6	99.6	100-0	100.0	100.0
6E	Snr	aci	19.5	75.8	88.0	96 - 8	57.8	78.7	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100-0	100.0	100.0
6£			17.5	75.8	11.5	56.8	57 - 8	98.9	98.9	91.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE			19.5	75.8	88 .4	96.8	97.4	78.9	98.9	98-9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
3a	351	100	19.5	75.8	88.4	56 . 8	57.8	98.9	98.7	94.9	99.3	99.3	99.3	95.6	77.6	100.0	100 -n	100.0
6E	300	oc l	19.5	75.8	88.4	56 - 8	57.8	78.7	98.9	71.7	99.3	99.3	99.3	75.6	99.6	100.0	100.0	100.0
GE	250	tae	19.5	75.8	60.4	\$6.8	57.8	98.9	98.9	74.9	99.3	99.3	99.3	95.6	99.6	100-0	100.0	100.D
GĒ			19.5	75.8	88.8	56.8	57.0	76.7	98.9	94.9	99.3	99.3	99.3	99.6		100.0		100.0
GΕ			17.5	75.8	88.8	16.8	57.8	98.9	98.9	74.7	99.3	99.3	99.3	99.6	99.6	100.0	160.0	100.0
GE			19.5	75.8	88.8	96 . 8	57.8	98.9	98.9	94.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100.0
6E	121	aci	19.5	75.8	86.4	96 . 8	57.8	98.7	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100-0	100.0	100.0
GE	101	a c i	19.5	75.4	48.8	56.8	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	100.0	100.0	100.0
GE			19.5	75.8	18.3	96.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100-0	100.0	100.0
GΕ			19.5	75.8	88.8	56.8	97.8	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100 ·n
6E	7(001	19.5	75.8	40.4	56.8	57 .8	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100.0
SE	61	001	19.5	75.8	88.8	96 • 8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100-0
GE	54	130	19.5	75.8	88.8	\$6.8	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100-0	100.0	100.0
GΕ			19.5	75.8	33.6	56.8	57.8	78.9	98.9	78.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100 •0
GΕ			19.5	75.6	80.8	54.8	57.8	98.9	98.9	78.7	99.3	79.3	99.3	99.6	99.6	100.0	100.0	100.0
GE			19.5	75.8	88 -8	56 - 6	57.8	98.9	98.9	98.9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100.0
6E			19.5	75.8	46.4	16,6	57.8	98-9	98.9	98-9	99.3	99.3	99.3	95.6	99.6	100.0	100.0	100.0
6E		r i	19.5	75.4	11.4	56.8	57.6	98.9	98.9	98.9	99.3	••.3	99.3	99.6	4.00	100.0	100.0	100.0
			• • • • • •	• • • • • • • •			,, , , ,	7007	70.7	78,7	7743				-			100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STAT	ION W	U FBER :	164530	STATE	OA NAME:	6EL A	ITALY						OF REC				
												HONTH			(LST);	ALL	
		• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• •• • •							•••••	• • • • • • •	• • • • • • •	• • • • • •	••••
CE 11								VISIBIL									
11		61	39	38	6E	6E	Œ	38	GE	88	SE	38	EE	6E	GE	GE	G E
FEE	•	160	70	80	6 0	46	40	32	24	20	16	. 12	10	8	5	•	Ð
••••	••••	• ••••	• • • • • • • •	•••••	•••••	• • • • • •	•••••	••••••	•••••	•••••	• • • • • • •	******	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
NG C	EIL I	13.8	72.0	83.0	51-6	\$3.6	94.7	94.7	95.2	95.4	95.6	95.7	95.7	95.7	96.0	96.0	96.0
6E 2	12 000	13.6	72.2	83.2	92.0	54.0	95.1	95.1	95.6	95.8	96.0	96.0	96-1	96.1	96.4	96.4	96.4
6E 1	BOOCI	13.8	72.2	63.2	92.0	99 .0	95.1	95.1	75.6	95.8	96 . D	96.0	96.1	96.1	96.4	96.4	96.4
6E 1	130041	13.0	72.2	83.2	92 - D	54 .D	95.1	95.1	95.6	95.8	96.0	96.0	96.1	96.1	96.4	96.4	96.4
6£ 1	10004	13.8	72.2	83.2	52.D	59 . D	95.1	95.1	95.6	95.8	96 . D	96.0	96.1	96.1	96.4	96.4	96.4
6€ 1	20001	13.8	72.3	83.2	52 . D	54 .D	75.1	95.2	95.6	95.9	96 • D	96.1	96.2	96.2	96.4	96.4	96.4
GE 1	1000 C I	13.9	72.9	83.9	52.7	54 . 7	95.4	95.8	96.3	96.5	96.7	96.8	96.8	96.8	97.1	97.1	97.1
GE	700 61		73.2	84.4	53.4	\$5.5	96.7	96.8	97.2	97.5	97.6	97.7	97.8	97.6	98.0	98.0	98.0
6E	800 C1		73.2	84.4	93.4	\$5.5	96.7	96.8	97.2	97.5	97.6	97.7	97.8	97.8	98.0	98.0	96.0
GΕ	700 CI		73.2	84.4	53.4	15.5	96.7	76.8	97.2	97.5	97.6	97.7	97.8	97.8	98.0	98.0	98.0
6€	60001		73.2	84.4	53.4	95.5	96.7	96.8	91.2	97.5	97.6	97.7	97.8	97.6	98.0	96.0	98.0
GE	500 C i	IA-G	74.7	85.9	54.9	17.0	98.2	78.3	78.7	99.0	99.1	99.2	95.3	99.3	99.5	99.5	99.6
6Ē	450CI		74.7	65.9	54.9	97 .D	98.2	98.3	98.7	99.0	99.1	99.2	95.3	99.3	99.5	99.5	99.6
38	10001		79.7	85.9	54.9	57.0	98.2	98.3	98.7	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.6
6E	350 C I		74.7	85.9	59.9	\$7.0	98.2	98.3	90.7	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.6
6E	300 C I		79.7	85.9	95 • D	\$7.1	98.3	98.4	78.8	99.1	99.2	99.3	95.4	99.4	99.6	99.6	99.6
•	30001	,400			,,,,,	••••	, 0. 3	70.4	7000		,,,,	****	,,,,	,4.4	77.0	77.0	77.0
ΘE	2500	14.0	74.9	86.1	55 . 2	57.3	98.5	98.5	99.0	99.2	99.4	99.5	95.6	99.6	99.8	99.8	99.8
6E	200 C J	14.0	74.9	86.2	95.3	57.4	98.6	98.6	99.1	99.3	99.5	99.6	95.6	99.6	99.9	99.9	99.9
G€	18001	14.0	74.9	86.2	95.3	97.4	98.6	98.6	99.1	99.3	99.5	99.6	95.6	99.6	99.9	99.9	99.9
6E	150C	14.0	74.9	86.2	55.3	57.4	94.6	98.6	99.1	99.3	99.5	99.6	95.6	99.6	99.9	99.9	99.9
6E	1500	14.0	74.9	86.2	95.3	57.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	**.6	99.9	99.9	99.9
SE	10001	19.0	74.9	86.2	55.3	57.4	98.6	98.6	99.1	99.3	99.5	99.6	99.6	**.6	**.*	99.9	99.9
6E	1001	14.0	74.9	86 -2	95.3	\$7.4	98.6	98.6	99.1	99.3	99.5	99.6	95.6	99.6	99.9	99.9	99.9
6E		14.0	74.9	86.2	95.3	57.4	78.6	98.6	99.1	99.3	99.5	99.6	95.6	77.6	77.9	99.9	99.9
GE		14.0	79.9	86.2	55.3	57.4	78.6	98.6	99.1	99.3	99.5	99.6	95.6	99.6	99.9	99.9	77.7
GE		14.0	74.9	86.2	55.3	57.4	98.6	98.6	99.1	99.3	99.5	99.6	95.6	99.6	77.9	99.9	99.9
Gξ	Snci	14.0	74.9	86.2	95.3	57.4	78.6	98.6	99-1	99.3	99.5	99.6	95.6	77.6	99.9	99.9	99.9
39		19.0	74.9	86.2	95.3	\$7.4	78.6	78.6	99.1	99.3	99.5	99.6	95.6	77.6	99.9	99.9	99.9
GE		14.6	79.9	16.2	95.3	57.4	78.6	78.6	99.1	99.3	99.5	77.6	75.6	99.6	99.9	99.9	77.7
GE.		14.0	74.9	86 -2	95.3	57.4	78.6	98.6	77.1	99.3	99.5	77.6	95.6	99.6	99.9	99.9	99.9
6E		14.0	74.9	14.2	15.3	57.4	14.4	98.4	99.1	99.3	99.5	99.6	75.6	99.6	99.9	99.9	77.9
		-														****	
6E	[]	14.C	74.9	86.2	55.3	57.4	78.6	98.6	99.1	99.3	99.5	99.6	95.6	99.6	79.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					OR NAME:							HONTH		HOURS	(LST);	0000-02	
E IL		••••••	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	VISIBIL	ITY IN	HUNDRED	S OF ME	TERS	•••••	• • • • • • •	•••••	•••••	•••••
FEE	1	6T 160	6E 90	6 E 80	GE 60	6E 48	Œ ¶g	GE 32	6E 24	6£ 20	GE 16	12 6E	€E 10	GE 8	GE S	GE	6 E O
o 6	EIL I	29.8	80.4	87.2	50.9	53,6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
E Z	000 C	29.8	80.4	87.2	50.9	53.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
		29.8	80.4	87.2	90.9	53.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
E 1	600 G	29.8	80.4	87.2	98.9	53 .6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
E 1	4000	29.8	80.4	87.2	90.9	53.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
E 1	20 p C l	29.8	80.4	87.2	90.9	53.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.0	97.0	97.4	97.4
E 1	000 C (29.8	80.4	87.2	90.9	53.6	95.5	95.8	95.8	96.2	96.6	96.6	96.6	97.G	97.0	97.4	97.4
E	900 pl	29.8	80-a	87.9	51.7	54 . 7	96.6	97.0	97.0	97.4	97.7	97.7	97.7	98.1	98.1	98.5	98.5
E	avočl	29.8	81.1	88.3	92 - 1	55.1	97.D	97.4	97.4	97.7	98.1	98.1	98.1	98.5	98.5	98.9	98.9
E	700 C	29.8	81.1	88.3	52 - 1	95 . 1	97.0	97.4	97.4	97.7	98.1	98.1	98.1	98.5	98.5	98.9	98.9
E	6000	29.8	81-1	88.3	52 - 1	55 - 1	97.0	97.4	97.4	97.7	98.1	98.1	98-1	98.5	98.5	98.9	98.9
E	Soo c	29.8	81.5	88.7	92.5	55.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
E	4500	29.8	81.5	88.7	92.5	55.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
E	4000	29.8	81.5	88.7	52.5	95.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
ε	350 C	29.8	81.5	88.7	92.5	55 .5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
Ē	300 C	29.8	81.5	88.7	92.5	55.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	96.9	98.9	99.2	99.2
E	250 6	27.8	81.5	88.7	92.5	55.5	97.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.2
Ε	200 C	30 - 2	02.3	87.4	93.2	56.2	98.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	1800	20.2	82.3	89.4	93.2	56 .2	98.1	98.5	98.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
	150 C	30.2	82.3	87.4	53.2	56 . 2	78.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	1200	30.2	82.3	87-4	93.2	56 .2	98.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	100 C	30-2	82.3	89.4	93.2	56 .2	98.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	160.0	160.0
Ε	90 C	30-2	82.3	89.4	53.2	96 . 2	98.1	98.5	90.5	98.9	99.2	99.2	99.2	99.6	99.6	100.0	100.0
E	80 C	30.2	82.3	87.4	93.2	56.2	78.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	706	10.2	82.3	87.4	93.2	56 . 2	98.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	605	30.2	82.3	89.4	93.2	96 • 2	78-1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	500	30-2	62.3	87.4	53.2	56 . 2	90.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	46 C	30.2	82.3	87.4	53.Z	56.2	78.1	98.5	98.5	98.7	99.2	90.2	95.2	99.6	99.6	100.0	100.0
E	30 0	30.2	82.3	89.4	53.2	56.2	98.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
€	200		82.3	89.4	ç3.2	56 .2	98.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
£	100	30-2	82.3	89.4	53.2	56 .2	98.1	98.5	98.5	98.9	99.2	99.2	95.2	99.6	99.6	100.0	100.0
E	C	30.2	82.3	87.4	53.2	56 . 2	98.1	98.5	98.5	78.7	99.2	99.2	95.2	99.6	99.6	100.0	100.0

SLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION NAME: PEPIOD OF RECORD: 78-87 MONTH: ALG HOURS(LST): 0300-0500 CE IL ING VISIBILITY IN HUNDREDS OF METERS 1 st 1 160 EF 6 E GΕ FEET 40 90 80 60 48 32 24 20 16 10 NO CEIL | 28.6 85.3 4.02 9 t. G 58.3 96.7 96.7 97.6 97.6 97.6 98.0 96.0 98.0 98.0 98.0 200001 28.6 79.2 50.6 50.6 54 . 3 54 . 3 97.6 97.6 97.6 97.6 97.6 98.D 98.0 96.0 98.G 98.G 180001 28.6 1600Cl 28.6 85.3 96.7 96.7 96.0 98.0 98.0 98.0 98.0 GE 79.2 79.2 85.3 90 . 6 54.3 96.7 96.7 97.6 97.6 97.6 98.0 98.0 98.0 98.0 14000 28.6 90.6 54 .3 54 .3 96.7 96.7 97.6 98.0 98.0 97.6 97.6 08.0 98.0 98.0 120051 28-6 97.6 98.0 98.0 98.0 97.6 98.0 98.0 90.6 92.2 92.2 92.2 38 38 1000 C 28.6 97.6 99.2 99.2 85.3 54.3 97.6 97.6 96.7 96.7 98.0 98.0 98.0 98.0 98.0 98.0 90001 28.6 80001 28.6 70001 28.6 55.9 55.9 55.9 99.6 80.8 98.4 99.2 99.2 99.6 99.6 86.9 78.4 99.6 99.6 99.6 98.4 98.4 95.6 99.6 99.6 80.8 95.6 99.6 99.6 99.6 99.6 600CI 28.6 80.8 \$2.2 55.9 86.7 98.4 99.6 500 C1 28.6 450 C1 28.6 400 C1 28.6 80.8 80.8 80.8 86.9 86.9 86.9 99.2 99.2 99.2 6Ē 95.6 52.2 55.9 98.4 98.4 99.2 99.2 99.6 99.6 99.6 99.6 GE GE 52.2 52.2 98.4 98 • 4 98 • 4 99.2 99.2 99.2 \$5.9 \$5.9 99.6 99.6 99.6 99.6 99.6 99.6 350C1 28.6 80.8 86.9 52.2 55.9 98.4 99.2 99.Z 99.Z 99.6 98.4 99.2 99.6 99.6 99.6 99.6 300 C1 28.6 99.6 99.6 99.6 4. 99 25001 28.4 \$2.2 \$2.7 \$2.7 GE 55.9 98.4 98.4 99.Z 99.2 99.2 99.6 99.6 99.6 99.6 4. 09 A. 90 6E 20001 28.6 67.3 87.3 56.3 56.3 98.8 98.8 99.6 99.6 100.0 81.2 99.6 100.0 100.0 100.0 100.0 100.0 180C1 28.6 99-6 100.0 100.0 100.0 ton.n GE 150C1 28.6 81.2 87.3 52.7 56.3 98.8 100.0 100.0 100.0 100.0 100.0 100.0 120G1 28.6 81.2 87.3 92.7 56.3 98.8 99.6 99.6 100.0 100.0 100.0 100.0 100.0 GE 100C1 28.6 81.2 87.3 **52.7** 56.3 98.8 98.8 99.6 98.8 99.6 99.6 100-0 100.0 100.0 100.0 160.0 100.0 90C| 28.6 GE 87.3 87.3 87.3 92.7 92.7 81.2 56.3 98.8 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100-0 100-0 100.0 81.2 96.3 98.8 98.8 98.5 100.0 100.0 100.0 103-0 100.0 92.7 98.8 100.0 100.0 100.0 100.0 100.0 6f ABCL 28.A 100.0 100.0 100.0 100.0 100.0 100.0 50C1 28.6 40G1 28.6 30C1 28.6 20G1 28.6 GE 81.2 87.3 52.7 56.3 98,8 98.8 99.6 99.6 99.6 99.6 99.6 100.0 10t.0 100-0 100-0 100.0 0.001 GE GE 81.2 87.3 87.3 52.7 52.7 56.3 56.3 98.8 98.8 98.8 99.6 99.6 100.0 100.0 100.0 100.0 100.0 81.2 100.0 100-0 100-0 100.0 100.0 GE 81.2 87.3 42.7 56.3 78.4 98.8 99.6 100.0 100.0 100.0 100.0 100.0 1001 28.6 87.3 \$2.7 \$4.42 99.6 4- 00 100.0 100.0 100-0 Gξ 61 28.6 81.2 87.3 \$2.7 99.6 \$6.3 98.4 98.2 99.6 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 78-87 MONTH: ALG HOURS (LST): 0600-0800 CE IL ING VISIBILITY IN HUNDREDS OF METERS Œ 6F 6E 6 F SF GF 6£ GE 6E 66 EE G€ 6E FEET 160 90 80 60 48 •0 32 24 20 16 12 10 5 ď NO CEIL | 15.2 69.3 86 .6 89.3 90.3 92.1 92.1 92.1 92.1 92.1 92.4 92.1 GE 2000C| 15.2 69.3 89.3 89.3 90.3 92.1 92.4 76.9 76.9 76.9 1800C1 15.2 1600C1 15.2 69.3 25.9 85.9 86.6 89.3 89.3 90.3 91.0 91.0 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.4 92.4 92.4 140001 15.2 £5.9 89-3 90-0 89.3 90.3 91.0 92.1 92.1 92.1 92.1 6E 12naal 15.2 70.0 77.6 86.6 90.0 91.0 91.7 92.8 92.8 92.8 92.8 93.1 93.1 GE 100001 15.2 71.0 79.0 £7.9 91.4 92.4 93.1 94 - 1 94.1 #8 .6 91.4 94.1 94.1 94.5 94.5 ... 95.2 95.2 95.2 95.2 95.2 GE GE 900C| 15.2 800C| 15.2 71.4 71.4 71.4 79.3 79.3 79.3 89.0 89.0 89.0 29.7 92.4 95.2 95.2 95.5 95.5 95.5 92.4 93.4 94 · 1 94 · 1 95.2 95.5 19.7 92.4 95.2 95.2 95.5 92.4 93.4 95.2 GE 700 01 15.2 92.4 03.4 94 - 1 95.2 95.2 6E GE 500C| 15.2 73.1 50.7 51.4 94. 1 94.1 96.9 96.9 96.9 96.9 96.9 96.9 96.9 97.2 95.2 450C| 15.2 40DC| 15.2 73.1 73.1 81.0 90.7 90.7 \$1.4 94.1 94.1 95.9 96.9 96.9 96.9 96.9 97.2 91.2 6E \$1.4 \$1.4 94.1 94.1 94.1 350C| 15.2 90.7 97.2 300 CL 15.5 73.5 51.4 52.1 74.8 94.8 97.6 97.6 6E GE 250C| 15.5 200C| 15.5 74.1 74.5 82.8 92 • 1 92 • 8 \$2.0 95.5 95.5 96.6 97.2 98.3 98.3 99.3 98.3 99.3 98.3 95.3 98.3 99.3 98.3 99.3 98.6 98.6 99.7 53.8 96-6 96-6 96.6 52.8 52.8 97.6 99.3 99.3 99.3 GE GE 18UC 15.5 74.5 82.8 53.8 96.6 98.3 98.3 95.3 99.3 99.3 82.8 96.6 4. 40 99.3 99.3 99.3 99.7 150 CE 15.5 74.5 \$3.8 99.7 120C1 15.5 96.6 96.6 96.6 10001 96.6 96.6 96.6 97.6 98.3 99.3 52.8 c3 . a 99.7 99.7 9001 15.5 8001 15.5 82.8 82.8 52.8 52.8 53.8 53.8 98.3 98.3 99.3 99.3 99.3 99.7 99.7 6E 74.5 97.6 99.3 95.3 66 74.5 99.3 95.3 70G1 15.5 95.3 74.5 B 2 -8 53.8 96.6 96.6 97.6 98.3 99.7 96.6 96.6 96.6 96.6 99.3 99.7 99.7 99.7 68 50C1 15.5 74.5 82.8 52.8 \$3.8 97.6 98.3 99.3 99.3 95.3 99.3 99.7 97.6 98.3 98.3 99.3 4001 15.5 3001 15.5 74.5 74.5 52.8 96.6 99.3 99.3 95.3 99.3 99.3 99.3 99.3 99.7 99.7 82.8 53.8 62.6 52.8 53.6 99.3 700 15.5 100 15.5 74.5 74.5 82.5 52.8 43.8 96.6 96.6 97.6 98.3 99.3 99.3 95.3 99.3 99.7 99.7 99.3 99.3 82.8 52 . B 98.3 99.3 99.7 43.8 96.6 96.6 97.6 95.3 ti 15.5 82.8 6Ē 74.5 52.8 53.8 96.4 96.6 91.4 OR . 3 7.00 99.3 94.3 99.3 99.3 99.7 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						OA NAME:							HONTH	: ALG		(LSTI:		
	ING	•• ••	•••	• • • • • • •	•••••	•••••	• • • • • •	•••••			HUNDREDS			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••
11		l G	T	39	3 9	GE	SE	GE	6 E	Œ	6£	6Ē	GΕ	39	GΕ	Gξ	GE	GE
FE	. 7	-	60	90	8 0	60	48	40	32	24	20	16	12	10	8	5	•	0
0 (EIL	1 14	. 8	66,7	76.8	44.4	£8.2	90.6	90.6	91.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	93.3
r 2	3 000 5	1 14		67.3	77.4	15.5	£9 .2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
	800 C			67.3	77.4	25.5	£9 .2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
€ 1	400 C] 14	. 8	67.3	17.4	25.5	t9 • 2	91.6	71-6	92.6	93.9	93.9	93.9	9:.9	93.9	94.3	94.3	94.6
	4000			67.3	77.4	85.5	2. 73	91.6	91.6	92.6	95.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
E I	500 C	1 14	. 8	67.3	77.4	es.5	69 . 2	91.6	91.6	92.6	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.6
	060 C			69.4	80.1	26.6	52.3	94.6	94.6	95.6	97.0	97.0	97.0	97.0	97.0	97.3	97.3	97.6
E	9000			70.4	# i • i	£9.6	93.3	96.0	96.D	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
ε	800 G			70.4	81.1	87.6	\$3.3	96. D	96 • D	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
Ę	7000			78.4	81.1	29.6	53.3	76.0	96.0	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
E	9000	1 14	. 8	70.4	81.1	£9.6	53.3	96.0	96 •0	97.0	98.3	98.3	98.3	98.3	98.3	98.7	98.7	99.0
Ē	500 C			70.7	81.5	29.9	43 -6	96.3	96.3	97.3	98.7	98.7	98.7	98.7	98.7	99.D	99.D	99.3
E	450 G			70.7	4 1 .5	89.9	53.6	96.3	96.3	97.3	78.7	98.7	98.7	98.7	98.7	99.0	99.0	99.3
E	400 C			70.7	41.5	49.9	93.6	96. 3	96.3	97.3	78.7	98.7	98.7	90.7	98.7	99.0	99.0	99.3
ξ	3500			70.7	81.5	29.9	53.6	96.3	96.3	97.3	98.7	98.7	98.7	90.7	98.7	99.0	99.0	99.3
E	3000	14	• 8	71.4	82.2	90 - 6	54.3	97.0	97-0	**•D	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100.0
ε	2508	1 14	. 8	71.4	82.2	40.6	54 . 3	97.0	97.0	98.0	99.3	99.3	90.3	95.3	99.3	99.7	99.7	100.0
E	2000	1 14	. 8	71.4	82.2	50.6	54.3	97.0	97.0	98.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100.0
Ε	1500	1 14	. B	71.4	82.2	10 . 6	54 . 3	97.0	97.0	98.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100.0
E	1500			71.4	82.2	90.6	54 . 3	97.0	97.0	98.0	99.3	99.3	94.3	95.3	99.3	99.7	99.7	100.0
£	1500	1 19	. 8	71.4	82.2	50 - 6	54.3	97.0	97.0	98.0	77.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
E	100 C	l 19	. 8	71.4	82.2	\$0.6	54 - 3	97.0	97.0	98-0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	190.0
E		1 34		71.4	82.2	\$U . 6	54.3	97.0	97.0	94.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
E		1 14		71.4	82.2	50.6	59.3	97.0	97.0	98.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100.0
E		14		71.4	82.2	90.6	54 . 3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
E	308	{ }*	. 8	71.4	82.2	\$0.6	54 • 3	97.0	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0
Ε		1 14		71.4	82.2	50.6	54 . 3	97.0	97.0	98.0	99.3	49.3	99.3	99.3	99.3	**.7		100.0
E		14		71.4	8 Z .2	50.6	54 . 3	97.0	97.0	98.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100-0
E		1 14		71.4	₽ Z • Z	50 .6	54 . 3	97.0	97.0	94.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100.0
3		1 14		71.4	82-2	90.6	54.3	97.0	97.0	94.8	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100-0
E	100	1 14	. 8	71.4	82.2	50.6	54.3	97.0	97.0	98.0	99.3	49.3	99.3	99.3	79.3	99.7	99.7	100.6
ε	C	1 14	. 8	71.4	82.2	50.6	54.3	97.0	97.0	98.0	99.3	99.3	99.3	95.3	99.3	99.7	99.7	100.0

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/HAC

PERIOD OF RECORD: 78-87 STATION NUPBER: 16453C STATION NAME: SELA ITALY MONTH: ALG MOURS(LST): 1200-1400 VISIBILITY IN HUNDREDS OF METERS CE IL ING IN 1 61 FEET 1 168 GE 24 Œ 6E 32 €E 38 SE 20 aí en. . 90 16 'n 80 60 12 NO CEIL | 18.0 67.8 76.9 45.4 48.8 90.2 90.2 90.5 91.5 91.5 91.9 91.9 91.9 91.9 78.6 87.5 GF 2000C1 18.0 92.9 93.2 94 .2 94 .2 94.6 94.6 94.6 68.8 51 .2 92.9 94.2 94.6 94.6 94.6 1600C| 18.0 1600C| 18.0 1400C| 18.0 92.9 92.9 92.9 94.2 94.2 94.6 94.6 94.6 94.6 94.6 87.5 92.9 78.6 93.2 94.6 94.6 68.8 51.2 78.6 78.6 87.5 87.5 93.2 94.2 94.6 68.8 51.2 94.6 94.2 94.6 94.6 68.8 51 .Z 92.9 94.6 94.6 94.6 6E 1200Cl 18.0 68.8 78.6 93.6 95.6 97.3 GE 1000C1 18.0 70.2 60.7 53.9 95.6 95.9 97.3 97.3 97.3 97.3 96.9 96.9 700 G | 18.3 800 G | 18.3 700 G | 18.3 71.5 71.5 96.9 97.3 98.3 98.3 98.6 98.6 98.6 98.6 GF 62.0 51.2 95.3 96.9 98.6 98.6 96.6 96.9 98.3 98.6 82.0 55.3 55.3 98.6 51.2 96.6 71.5 82.0 91.2 96.9 98.6 98.6 98.6 98.6 98.6 GΕ ADDC1 18-3 71.5 82.0 \$1.2 55.1 96. 9 97. 1 98.3 98.3 98 - 6 94.6 98.6 98.6 4.89 98.6 500G1 18.3 450G1 18.3 96.9 91.5 GE 71.5 71.5 55.3 96.9 98.6 98.6 824 91.2 96.3 98.3 98.6 98.6 4.40 96.6 85.0 85.0 55.3 95.3 55.3 96.9 96.9 97.3 98.3 98.3 98.6 98.6 98.6 \$1.2 98.6 98.6 95 95 95 40001 18.3 350C1 18.3 71.5 71.5 51.2 51.2 96.9 96.9 97.3 91.3 98.3 98.3 98.3 98.6 91.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.3 98.6 98.6 300 C1 18.3 \$6.3 \$6.3 GΕ 250CF 18.3 52.2 52.2 98.0 98.0 98.3 99.3 99.3 99.3 99.7 99.7 99.7 99.7 99.7 99.7 GE 72.2 83.1 83.1 98.0 98.3 98.3 99.3 99.7 20001 18.3 98.0 95.7 99.7 180C| 18.3 72.2 52.2 46.3 98.0 99.7 99.7 99.7 99.7 GĒ 99.3 99.3 95.7 98.3 ee ee 150C| 18.3 52.2 98.0 98.0 99.7 92.2 \$6.3 78.0 98.0 99.3 99.3 120CT 18.3 72.2 83.1 99.7 GE troct is. 3 72.2 83-1 \$2.2 \$2.2 56.3 56.3 56.3 98. U 99.7 98.0 98.3 99.3 ... 99.7 99.7 99.7 99.7 83.1 83.1 83.1 99.7 99.7 900| 18.3 800| 18.3 700| 18.3 9£ 72.2 98.0 98.3 99.3 99.3 99.3 99.7 99.7 99.7 99.3 99.3 99.3 95.7 72.2 \$2.2 \$2.2 98.0 95.7 99.7 98.0 98.3 99.7 99.7 56.3 98.0 98,3 99.7 99.7 99.7 99.7 ĞĒ 66 CI 18.3 98.0 98,3 99.7 50C1 18.3 99.3 99.3 99.3 98.0 56.3 56.3 99.7 40C| 18.3 3GC| 18.3 72.2 83.1 52.2 98.3 98.3 99.3 95.7 99.7 99.7 99.7 99.7 99.7 98.0 98.0 92.2 98. p 78.0 99.3 95.7 99.7 GE 2061 18.3 72.2 83.1 52.2 98.0 98.0 98.3 99.3 99.7 99.7 99.7 99.7 1001 18.3 56.3 98.0 98.0 98.3 99.3 99.3 99.7 99.7 99.7 99.7 6F C1 18-3 72.2 81.1 92.2 66 . 3 98.0 98.0 98. 1 99.7 99.7 99.7 90.7 99. 1 99.7 96.7 100.0

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: BELA ITALY

		NU	PBER :	16453C	STATI	DA NAME:	SELA	11 AL Y					PER100 Month	OF RECO			1500-17	CO
	IL ING	•••	•••••		•••••	• • • • • • • •	• • • • •	•••••	VISTATE	ITY IN	HUNDREDS	OF ME	TERS	•••••	• • • • • •	•••••	•••••	••••
	ÎN		61	33	6 E	6ť	6 E	Œ	GE	GE	6€	39	ĞΕ	33	GΕ	GE	GΕ	G E
	EET	i	160	90	80	60	48	46	32	24	20	16	12	10	8	5		0
•••		•••	****			• • • • • • • •			• • • • • • • •	• • • • •			•••••	• • • • • • •		•••••	• • • • • •	
NO	CEIL	1	18.8	67.6	76.5	£3.6	£7.0	89.4	89.8	90.1	90.1	90.4	90.8	96.8	90.8	91.1	91.1	91.1
SE	20001	C)	18.8	68.9	77.8	85.0	4.85	91.1	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
GE	18001	ci	18.6	68.9	77.8	e5 • O	4.83	91.1	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
G€	16000	CI	18.8	68.9	77.8	£5.0	4.85	91.1	91.2	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
ĢΕ	1400	ci	18.8	68.9	77.8	85 . U	#6 .4	91.1	91.1	91.5	91.5	91.8	92.2	92.2	92.2	92.5	92.5	92.5
6E	1200	C 1	19.1	70.3	79 -2	86.3	69.8	92.5	92.5	92.8	92.8	93.2	93.5	93.5	93.5	93.9	93.9	93.9
6.5	1000	r 1	10.1	71.7	80.9	£8.1	51.5	94.2	94.2	94.5	94.5	94.9	95.2	95.2	95.2	95.6	95.6	95.6
GE			19.5	74.1	83.6	50.8	54.2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
38			19.5	79.1	83.6	50.8	54.2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
39			19.5	74.1	83.6	50.8	54.2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
GE			19.5	79.1	83.6	50.8	54 .2	96.9	96.9	97.3	97.3	97.6	98.0	98.0	98.0	98.3	98.3	98.3
O.E.		•	.,,,	, , , ,	0.760	,010	,,,,,	, ,,,,	,,,,	,	,,,,	,,,,	70.00	,,,,	,0.0	, , , ,	,,,,	, , , ,
GE			19.5	75.1	84.6	51.8	\$5.2	98.B	98.0	98.3	98.3	98.6	99.0	95.0	99.0	99.3	99.3	99.3
GΕ	4501	C I	19.5	75.1	84.6	91.8	\$5.2	98.0	98.0	98.3	98.3	98.6	99.0	95.0	99.0	99.3	99.3	99.3
6E	4001	Cl	19.5	75.1	84 -6	51.8	\$5.2	98. D	98.Q	96.3	96.3	98.6	99.0	95.0	99.0	99.3	99.3	99.3
GΕ	3501	C į	19.5	75.1	84.6	91.8	95.2	98.0	98 • D	98.3	98.3	98.6	99.0	95.0	99.0	99.3	99.3	99.3
GE	300	C I	19.5	75.1	84.6	51.8	\$5 • 2	98.0	98.0	98.3	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE	2501	C I	19.5	75.B	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	90.7	99.7	99.7	100.0	100.0	100.0
GE			19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
6E			19.5	75.8	85.3	52.5	55.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.n	100.0	100.0
GE			19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GE			19.5	75.8	85.3	52.5	95.9	98.6	98.6	99.D	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GŁ	100	CI	19.5	75.8	85.3	92.5	55.9	98.6	98 • 6	99.0	99.0	99.3	99.7	99.7	99.7	100-0	100.0	100.0
GE	90	ΕÌ	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GE	801	Ċŧ	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GE	700	C į	19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GΕ	601	CI	19.5	75.8	85.3	52.5	55.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	106.0
GE	501	rı	19.5	75.8	85.3	92.5	55.9	98.6	98.6	99.D	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100-0
GΕ			19.5	75.8	85.3	92.5	95.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GĒ			19.5	75.8	85.3	52.5	55.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
GE			19.5	75.8	85.3	52.5	55.9	98.6	98.6	99.0	99.0	99.3	99.7	99.7	99.7	100.0	100.0	100.0
GE			19.5	75.8	45.3	52.5	55.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100.0	100.0	100.0
				••														
GE.			19.5	75.8	\$5.3	\$2.5	55.9	98.6	98.6	99.0	99.0	99.3	99.7	95.7	99.7	100-0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		UPBER:	164530	STATI	DR NAME:							PERIOD MONTH		ORD: 78		1860~2	.90
	LL ING	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • •	•••••	VISIBIL				TFDS	• • • • • • •	• • • • • • •	•••••	• • • • • •	
1	IN I	61 160	6E 90	38 80	GE 60	GE 48	6E 40	GE 3 <i>2</i>	GE 24	GE 20	6E 16	GE 12	6E 1 D	GE 8	Gε 5	GE 4	G E D
NO	CEIL I	18.6	72.8	80.3	86.6	66.3	90.0	90.0	91.0	91.4	91.4	91.9	91.7	92.1	92.1	92.1	92.1
GE	2000 61	19.6	73.4	81.4	17.6	29.3	91.0	91.0	92.1	92.4	92.4	92.4	92.8	93.1	93.1	93.1	93.1
GE	180061	18.6	73.4	81.4	87.6	89.7	91.4	91.4	92.4	92.8	92.8	92.8	93.1	93.4	93.4	93.4	93.4
GE	160001	18.6	73.4	81.4	87 - 6	£9.7	91.4	91.4	92.4	92.8	92.8	92.8	9 2 - 1	93.4	93.4	93.4	93.4
GE	149001	18.6	73.4	81.4	87.6	19.7	91.4	91.4	92.4	92.8	92.8	92.8	93.1	93.4	93.4	93.4	93.4
GE	120001	18.6	73.4	81.4	87.6	£9.7	91.4	91.4	92.4	92.8	92.8	97.8	93.1	93.4	93.4	93.4	93.4
GE	1000 61	19.0	75.5	83.4	89.7	51.7	93.4	93.4	94.5	94.8	94.8	94.6	95.2	95.5	95.5	95.5	95.5
GE	90006	19.0	76.6	84.5	\$1.0	53.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2
GE	80001		76.6	84.5	\$1.0	53.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2
GE	Tracl		76.6	84.5	\$1.0	53.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	07.2	97.2	97.2
GE	600 C I		76.6	84.5	\$1.0	53.1	94.8	94.8	96.2	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2
6E	500 C l	19.0	78.6	86.6	53.1	55.2	96.9	96.9	98.3	98.6	78.6	98.6	95.0	99.3	99.5	99.3	99.3
6E	450CI	19.0	78.6	86.6	53-1	55.2	96.9	96.9	98.3	98.6	98.6	98.6	95.0	99.3	99.3	99.3	99.3
6E	960 C1	19.0	78.6	86.6	53.1	55.2	96.9	96.9	98-3	98 - 6	98.6	98.6	95.0	99.3	99.3	99.3	99.3
CE	35001	19.0	78.6	86.6	53.1	55.2	96.9	96.9	98.3	98.6	98.6	98.6	95.0	99.3	99.3	99.3	99.3
GE	30001		79.0	86.9	53.4	55.5	97.2	97.2	98.6	99.0	99.0	99.0	95.3	99.7	99.7	99.7	99.7
6E	250 C I	19.3	79.0	86.9	53.4	55.5	97.2	97.2	98.6	99.0	99.0	99.0	95.3	99.7	99.7	99.7	99.7
GE	20061		79.0	86.9	93.4	55.9	97.6	97.6	99.D	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GE	18001	19.3	79.0	86.9	93.4	55.9	97.6	97.6	99.0	99.3	90.3	99.3	95.7	100.0	100.0	0.001	100 ·u
GE	150 61		79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GE	12001		79.0	86.9	53.4	\$5.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GΕ	100 C	19.3	79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.5	99.3	95.7	100.0	100.0	100.0	100.0
6E	9001	19.3	79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GE	8001	19.3	79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
6E	7001	19.3	79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GΕ		19.3	79.0	86.9	53.4	\$5.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GE	5001	19.3	79.0	86.9	93.4	\$5.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GE		19.3	79.0	86.9	93.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
66		19.3	79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100-0	100.0	100.0
39		19.3	79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
38		19.3	79.0	86.9	53.4	55.9	97.6	97.6	99.0	99.3	99.3	99.3	95.7	100.0	100.0	100.0	100.0
GE	0 (19.3	79.0	86.9	93.4	\$5.9	97.6	97.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY PEPIOD OF RECORD: 78-87 HONTH: ALG HOURS (LST): 2100-2300 LING VISIBILITY IN HUMDREDS OF METERS GE CE IL ING IN 1 61 FEET 1 160 GE GΕ GE GE €£ GE GE 6£ Gξ 90 80 60 48 40 32 29 20 16 12 10 8 5 0 98.9 NO CEIL | 31.6 57.1 98.9 82.0 88 .6 97.8 98.5 98.9 98.9 98.9 98.9 55.6 97.8 98.2 GE 20000| 31.6 GE 1800C| 31.6 GE 1600C| 31.6 GE 14000| 31.6 57.1 57.1 97.8 97.8 97.8 98.2 98.2 98.5 98.5 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 94.9 82.0 88.6 55.6 98.9 98.9 88.6 95.6 98.9 82.0 98.9 98.9 57.1 57.1 57.1 82.0 88.6 55.6 97.8 97.8 98.2 98.5 98.9 98.9 98.9 98.9 98.9 98.9 97.8 97.8 98.2 98.9 98.9 98.9 98.9 82.0 \$5.6 9.89 GE 1000C| 21.6 GE 900G| 21.6 GE 8000| 21.6 82.7 96.3 57.8 98.5 98.5 98.9 99.3 99.6 99.6 99.6 99.6 99.6 82.7 89.3 89.3 96.7 96.7 58 • 2 58 • 2 98.9 99.3 99.6 100.0 100.0 100.0 100.0 100.0 98.9 100.0 100.0 98.9 98.9 100.0 100.0 7mgC4 31.6 82.7 89.3 56.7 58.2 98.9 100.0 100.0 10t.0 100.0 100.0 100.0 100.0 60001 21.6 89.3 100.0 GE 82.7 56.7 58.2 98.9 98.9 99.6 100.0 100.0 100.B 100.0 100-0 100.0 50001 31.6 45001 31.6 40001 31.6 89.3 89.3 89.3 82.7 82.7 100.0 GF \$6.7 58.2 98.9 98.9 99.3 99.6 100.0 100.0 100.0 100.0 100.0 100.0 98.9 99.3 99.6 98.9 98.9 100.0 100.0 100.0 100.0 56 • 7 56 • 7 58 • 2 98 • 2 100.0 10C.0 100.0 99.3 GE 82.7 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 69.3 99.6 350 CL 21.6 82.7 SA . 2 100.0 100 - 0 6E 6E 56.7 96.9 98.9 100.0 100.0 100.0 100.0 100.0 300C| 31.6 100.0 100.0 100.0 100-0 100.0 100.0 99.3 100.0 GE 25001 31.6 82.7 89.3 99.6 100.0 100.0 100.0 100.0 56.7 58.2 98.9 98.9 100.0 100.0 89.3 89.3 89.3 99.3 99.3 99.3 200C| 31.6 180C| 31.6 82.7 82.7 96.7 96.7 \$8.2 58.2 98.9 99.6 GE 98.9 98.9 100.0 100.0 10C.0 100.0 100.0 100.0 100.0 G€ 100.0 100.0 100.0 100.0 160.0 100.0 150C| 21.6 82.7 96.7 58.2 98.9 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 120Cl 31.6 82.7 89.3 56.7 58.2 98.9 98.9 99.3 99.6 100.0 100-0 100.0 100.0 100.0 100.0 106.0 10001 31-6 82.7 89.3 98• 9 98• 9 99.3 100.0 GE 56.7 98.2 98.9 99.6 100.0 101-0 100.0 100.0 140.0 100.0 90Cl 31.6 82.7 89.3 56.7 58.2 98.9 99.6 99.6 99.6 100.0 GE 100.0 100.0 100.0 100.0 100.0 GE GE 80C] 31.6 70Cl 31.6 82.7 89.3 56.7 56.7 58.2 98.9 98.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 89.3 58.2 98.9 98.9 99.3 100.0 100.0 82.7 100.0 100.0 100.0 160.0 100.0 56.7 99.3 100.0 100.0 160.0 59.2 98.9 100.D 100.0 10C.0 100.0 96.7 96.7 96.7 98.9 98.9 99.6 99.6 99.6 GE 58 .2 98.9 100.0 100.0 100.0 100.0 99.3 99.3 99.3 100.0 100.0 100.0 ⊕E GE 40C1 11.6 82.7 89.3 58.2 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 30C| 21.6 20C| 21.6 10C| 21.6 100.0 100.0 82.7 58.2 98.9 100.0 100.0 100.0 105-0 100.0 GΕ 89.3 99.6 180.0 100.0 100.0 100.0 6E 82.7 56.7 58.2 98-9 9. 90 99.1 99.6 100-0 100.0 100.0 100.0 100-0 100.0 100.0

TOTAL NUMBER OF GRSFRVATIONS: 272

82.7

89.3

56.7

58.2

98.9

98.9

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GF

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-67

STATION NUPBER: 164530 STATION NAME: GELA ITALY

												HONTH	: ALG	HOURS	(LST);	ALL	
	LING	• • • • • •	• • • • • • •	••••	• • • • • •	•••••				HUNDRED!	OF ME	TERS	• • • • • • •	• • • • • • •	•••••	• • • • • •	••••••
	N I	61	38	6 E	6E	GE	GE	GE	GE	GE	GE	GE	EE	GE	GE	GE	GE
	ET İ	160	90	80	60	48	40	32	24	20	16	12	10	9	5	•	٥
•••	• • • • • •	• • • • • •	• • • • • •	••••	•••••	• • • • • • •	•••••	•••••	•••••	•••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •	
NO	CEIL	21.6	72.9	80.8	e7 • 8	\$0.3	92-3	92.3	93-0	93.5	93.7	93.9	93.9	94.0	94.1	94.2	94.2
	2000 C		73.4	81.4	28.4	91.1	93-1	93.1	93.8	94.3	94.6	94.7	94.7	94.8	94.9	95.0	95.1
	1800 C		73.4	81.4	66.4	51-1	93.1	93.2	93.8	94.3	94 . 6	94.7	94.8	94.9	95.0	95.1	95.1
	160001		73.4	81.4	E8 -4	51 - 1	93.1	93.2	93.8	94.3	94 - 6	94.7	94.8	94.9	95.0	95.1	95.1
	140DCI		73.4	81.4	88 • 4	91.1	93.1	93.2	93.B	94.3	94.6	94.7	94.8	94.9	95.0	95.1	95.2
6£	120001	21.6	73.7	81.7	28 - 7	\$1 . 4	93.5	93.5	94.1	94.7	94.9	95.1	95.1	95.2	95.3	95.4	95.4
	1000 C (74.8	83.1	90 • 2	52.9	94.9	95.0	95.6	96.1	96.4	96.5	96.6	96.7	96.8	96.8	96.9
GΕ	900 C 1		75.8	84.2	91.5	54 .2	96.3	96.4	97.0	97.6	97.8	98.0	98.0	98.1	98.2	98.3	98.3
GΕ	80001		75.8	84.2	91 • 5	54 • 3	96.4	96.4	97-1	97.6	97.9	98.0	98.0	98.1	98.2	98.3	98.4
39	7006		75.8	84.2	91.5	54 , 3	96.4	96.4	97.1	97.6	97.9	98.0	96.0	98.1	98.2	98.3	98.4
ĢE	60D C 1	21.8	75.8	84.2	\$1.5	54.3	96.4	96.4	97.1	97.6	97.9	98.0	96.0	98.1	98.2	98.3	98.4
GE	500 E		76.5	85.0	52.2	95 • O	97.1	97.1	97.8	98.3	98.6	98.7	9 8 . 8	98.8	98.9	99.0	99.1
6E	45001		76.5	85.0	52 • 2	55 . 0	97-1	97.1	97.8	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
GΕ	40001		76.5	85.D	92.2	55 .D	97.1	97.1	97.8	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1
GE	35001		76.5	85.0	52.2	55.0	97.1	97.1	97.8	98.3	98.6	98.7	96.8	98.8	78.9	99.0	99.1
6E	300 C (21.9	76.8	85.2	92.5	55.2	97.3	97.4	98.0	98.6	98.8	99.0	95.0	99.1	99.2	99.3	3.9.3
6E	250 C I		77.0	85.4	52.7	95.5	97.6	97.6	96.3	98.6	99.1	99.2	95.3	99.4	99.5	99.6	99.6
BΕ	200 C		77.2	85.7	93.0	55 -8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
ĢE	18001		77.2	85.7	93.0	55.8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
GE	150 C (77.2	85.7	53.0	55 . B	97.9	98.C	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
GE	150Cl	71.9	77.2	85.7	93.O	55.8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
6E	10001	21.9	77.2	85.7	53.0	95 . 8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
GE		21.9	77.2	85.7	53.0	55 .8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.6	99.9	99.9
G€		21.9	77.2	85.7	93.D	55 . 8	97.9	98.D	98.6	99.2	99.4	90.6	95.6	99.7	99.8	99.9	99.9
GE	700]		77.2	85.7	93.0	55.8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
6E	60 C I	21.9	77.2	85.7	53.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
6E		21.9	77.2	85.7	53.0	95.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9
GE		21.9	77.2	85.7	93.D	55.8	97.9	98.0	98.5	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
GE		21.9	77.2	85.7	93.0	55.8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
6E	SOCI		77.2	85.7	53.0	55 . 8	97.9	98.0	96-6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
6E	1001	21.9	77.2	85.7	\$3.0	55 .8	97.9	98.0	98.6	99.2	99.4	99.6	95.6	99.7	99.8	99.9	99.9
GΕ	c)	21.9	77.2	85.7	53.0	55.8	97.9	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.8	99.9	100.0

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSEPVATIONS

PERIOD OF RECORD: 77-86 STATION NUPBER: 16453C STATION NAME: GELA ITALY MONTH: SEP HOURS(LST): 0000-0200 VISIATLITY IN HUNDREDS OF METERS CE IL ING **6E** e1 GF 6£ GE 6E 6 F ΘE GE GΕ 6E G€ FEET 32 24 10 1 160 90 80 60 48 40 20 16 12 5 NO CEIL 1 29.9 4, 99 89.8 89.8 85.8 89.8 90.2 90.2 90.2 90.2 SE 2000C1 29.9 78.8 83.7 89 . D £9 . 8 69.6 89.8 89.8 90.2 90.2 90.2 90.2 90.5 90.5 90.5 180001 29.9 160001 29.9 78.8 83.7 89.0 89.8 89.8 89.8 89.8 90.2 90.2 90.2 90.2 96.2 90.2 90.5 90.5 90.5 83.7 89.0 £9 .8 89.8 89.8 90.2 90.5 90.5 90.2 78.8 69.0 69.8 89.8 90.5 140081 29.9 ... 89.8 89.8 90.2 90.2 90.2 91-2 90.2 90.5 90.5 90.5 6E 1200 C1 30.3 90.5 90.9 91.3 91.3 50.5 90.9 90.9 90.5 90.9 GE 1000 CI 31.1 82.2 87.1 52.4 53.2 93.2 93.2 93.2 93.6 93.6 93.6 93.6 93.6 93.9 93.9 93.9 89.0 89.0 95 • 5 95 • 5 GE GE 900 cl 31.1 800 01 31.1 84.1 54.7 54.7 95.5 95.5 95.8 95.8 95.8 95.8 95.8 95.8 95.8 96.2 96.2 96 • 2 96 • 2 96.2 95.5 95.5 95.5 84-1 95.5 95.8 95.8 700G| 21.1 60001 31-1 96.2 GE GE 500.01 31.1 84.5 69.4 55.1 55.8 95.8 95.8 95.8 96.2 96.2 96.2 9 £ . 2 96.2 96.6 96.6 96.6 95.8 96.6 96,6 89.4 96.2 96.2 96.6 450CI 31.1 84.5 55 • 1 55 • 1 \$5 .8 \$5 .8 95.8 95.8 96.2 96.2 96.2 96.2 GE 40001 31-1 95.8 95.8 95.8 96.2 96.2 96.2 96.2 96.6 96.6 96.6 96.6 GE GE 35001 31.1 84.5 55.1 55.8 95.8 97.7 95.8 95.8 97.7 96.2 96.2 96.2 96.2 96.2 96.6 96.6 300 C1 12.2 97.0 98.1 98.1 98.5 25661 32.6 6E **\$7.3** 58.1 98. 1 98.1 98.5 98.5 98.5 98.5 98.9 98.9 98.9 \$8.5 \$8.5 \$8.5 99.2 99.2 99.2 99.6 99.6 99.6 18DC| 12.6 87.1 87.1 92.4 59.2 99.2 99.2 99.6 GE 99.6 99.6 99.6 100.0 100.0 100.0 99.6 99.6 99.6 100.0 100.0 100.0 15001 22.6 87.1 59.2 99.2 99.6 100.0 I E.D. D 100.0 6E 12001 32.6 87-1 92.4 \$6.5 59.2 99.2 99.6 99.6 99.6 95.6 99.6 100.0 100.8 100.0 92.4 92.4 92.4 59.2 59.2 59.2 59.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 6E 10001 32.6 87.1 \$8.5 99.2 99.6 09.6 99.6 95.6 99.6 100.0 100.0 100.0 97.6 97.6 97.6 99.6 99.6 99.6 GE 9001 32.6 8001 32.6 87.1 58.5 58.5 99.2 99.6 95.6 99.6 100.0 100.0 100.0 99.6 95.6 99.6 100.0 100.0 100.0 70C| 22.6 60C| 32.6 99.6 87.1 100.0 100.0 100.0 100.0 99.2 99.2 99.2 99.6 99.6 99.6 38 38 5061 32.6 4061 32.6 87.1 87.1 92.4 92.4 58.5 58.5 59.2 59.2 99.2 99.2 99.2 99.2 99.6 99.6 95.6 99.6 100.0 100.0 300.0 99.6 99.2 99.6 99.6 99.6 95.6 100.0 100.0 100.0 100.0 100.0 3061 12.6 87.1 92.4 58.5 59.2 99.6 95.6 99.6 2001 12.6 1001 12.6 92.4 58.5 58.5 99.2 99.Z 99.2 99.6 99.6 99.6 100.0 59.2 99.6 100.0 100.0 59.2 100.0 87.1 [] 32.6 92.4 58.5 59.2 99.2 99.2 99.6 100.0 θE 99.6 9.6 100.0 100.0

TOTAL NUMBER OF GBSERVATIONS:

64

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PERCENTAGE FREQUENCY OF DCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ATIO	N M	JPBER :	16453E	STATE	CA MAME:	GELA	1 TALY						OF REC				
												MONTH	: SEP		(LST):	0 300 -0 5	>00
ILIN								VISIBIL	ITY IN	HUNDRED:	S OF HE	TERS					
IN	Ţ	61	39	6 E	38	GE	GE.	GE	GE	38	39	GΕ	EE	6E	6 E	GE	G€
EET		160	90	80	60	48	40	32	24	20	16	12	10	8	5	•	0
	• •••	• • • • • •	• • • • • • •	••••	•••••		•••••		*****		• • • • • • •		•••••	•••••	•••••	•••••	
CEI	L	29.3	78.7	82.8	87.D	89. 5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
200	130	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
190	100	29.3	78-7	82.8	e7 . O	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
1600	130	29.3	78.7	82.8	e7.0	e9. 5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6
140	DCI	29.3	78.7	82.8	87.0	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.6	91.6	91-6	91.6	91.6
150	061	29.3	78.7	82.8	e7. 0	89. 5	91.2	91.2	91.2	91.2	91 • 2	91.2	91.6	91.6	91.6	91.6	91.6
100	DEI	20-1	60.3	84 .5	68.7	\$1.2	92.9	92.9	92.9	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3
901	oci	31.0	83.7	87.9	52.1	\$4.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
800	BCI	31.0	83.7	87.9	52.1	54 .6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
70	aci	21.0	83.7	87.9	92.1	54.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
600	DC)	31.0	83.7	87.9	52.1	54.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
Sai	a c t	31.0	83.7	87.9	52.1	54.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
		21.0	83.7	87.9	52.1	\$4.6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
901	100	31.0	83.7	87.9	92 - 1	54 -6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
351	OCI	31.0	83.7	87.9	52 - 1	54 .6	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7
300	oci	32.2	85.4	89.5	54.1	56.7	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98-7	98 • 7	98.7
256	130	?2.2	85.8	90-0	54.6	57.1	98.7	98.7	98.7	98.7	98.7	98.7	95.2	99.2	99.2	99.2	99.2
200	oci	32.2	86.2	90.4	95.4	57 .9	99.6	99.6	99.6	99.6	99.6	99.6	10C+n	100-0	100-0	100.0	100.0
18	100	32.2	86.2	90.4	95 - 4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100-0	100-0	100.0	100-0
	DCI		86.2	90.4	95.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
		12.2	86.2	90.4	55.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
10	o c i	12.2	86.2	90.4	55.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
		12.2	86.2	90.4	95.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
		12.2	86.2	90.4	95.4	57.9	99.6	99.6	99.6	99.6	79.6	99.6	100.0	100.0	100.0	100.0	100.0
70	100	22.Z	86.2	90.4	55.4	\$7.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
		32.2	86.2	90.4	55.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
5.	100	32.2	86.2	90.9	95.4	57.9	99.6	99.6	99-6	99.6	99.6	99.6	100.0	100-0	100.0	100.0	100.0
4	BEL	12.2	86.2	90.4	95.4	57.9	79.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100 · n	100.0
		32.2	86.2	90.4	55.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
		12.2	86.2	90.4	95.4	57.9	99.6	99.6	79.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
		12.2	86.2	90.4	55.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	186.0	100.0	100.0	100.0	100.0
	c t	32.2	86.2	90.4	55.4	57.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100-0	100.0	100.0
																	

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 77-86 MONTH: SEP HOURS (LST): 0600-0800 CE IL ING VISIBILITY IN HUNDREDS OF METERS 1 61 GE Œ IN GΕ 6E GE EE 30 FEET 1 160 90 80 60 32 24 48 20 46 16 12 10 5 n NO CEIL | 18.1 71.8 61.2 €2.6 83.3 83.6 83.6 83.6 83.6 83.6 83.6 8 3 .6 GE 200001 18.5 69.3 74 .2 0. #5 86.1 86.4 86.4 86.4 86.4 86.4 86-4 86.4 86.4 74 .2 74 .2 74 .2 1800C1 18.5 1600C1 18.5 69.3 84.D 25.4 86.1 86.1 86.4 86.4 86.4 86.4 86.4 86.4 86.4 86.4 86.4 25.4 86-1 86.9 86.4 86.4 86.4 86.4 86.4 86.4 86.4 86.4 140001 18.5 69.3 64 . D 86.4 86.4 86.4 70.0 74.9 24 . 7 86 - 1 86.8 86.8 87.1 87.1 87.1 87.1 87.1 GE 1000C1 18.5 74.6 79.4 29.2 91.6 95.8 91.6 95.8 96.2 91.6 50.6 91.3 91.3 91.6 91.6 91.6 91.6 91.6 91.6 53.4 93.7 GE GE 900ci 18.8 78.4 83.6 95.5 95.5 54 .8 95.8 95.8 95.8 95.8 95.8 95.8 96.2 95.8 55 -1 95.8 95.8 96.2 96.2 96.2 96.2 96.2 93.7 55.1 95. B 95.8 96.2 96.2 96.2 96.2 96.2 96.2 94.2 96.2 400 CT 18.8 84.0 96.2 96.2 96.2 96.2 96.2 96.2 GE 500C1 18.8 79.8 85.0 54.8 56.2 96.9 96.9 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 6E 6E 450C| 18.8 400C| 18.8 350C| 18.8 96.9 97.2 97.2 79.8 85.0 54.8 55.1 56 . 2 56 . 5 96.9 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 8D.1 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 96 39 8n.1 85.4 95.1 96.5 97.2 30001 18.8 97.9 55.8 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 250C1 18.8 81.2 86.4 57.6 56.2 98.6 98.6 99.0 99.0 95.0 99.0 99.0 99.0 99.0 90.n 99.0 200E) 19.2 180E) 19.2 57.2 57.2 57.2 57.2 6.87 6.87 6.87 99.7 99.7 99.7 SΕ 99•7 99•7 99•7 100.0 100.0 100.0 10C.0 10C.0 100.0 100.0 100.0 100.0 100.0 81.9 87.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 15001 19.2 10n.B 100.0 100.0 100.0 6E 12061 19.2 81.9 87.5 57.2 99.7 100.0 100.0 100.0 100.0 100.0 100.D 98.6 6£ 160E1 19.2 81.9 87.5 57.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 9E 9001 19.2 8001 19.2 81.9 87.5 57.2 58 .6 58 .6 99.7 99.7 99.7 99.7 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 70C 19.2 81.9 87.5 97.2 98.6 99.7 99.7 100.0 100.0 100.0 10C.D 100.0 100.0 100.0 87.5 58 .6 99.7 57.2 99.7 100.0 100.0 100.0 100.0 106-0 100.0 100.0 100.0 96 99 99 50C# 19.2 81.9 87.5 57.2 58.6 99.7 99.7 99.7 100.0 100.0 100.0 100-0 100.0 100.0 101.0 100.0 100.0 40CI 19.2 67.5 87.5 57.2 58 .6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 19.2 2001 19.2 57.2 \$8.6 99.7 81.9 99.7 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 57.2 58 . 6 99.7 99.7 100.0 0.001 100.0 100.0 100.0 100.0 100.0 0.001 100.0 100.0 100.0 99.7 100.0 GΕ CI 19.2 61.9 87.5 57.2 58.6 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOLDLY OBSERVATIONS

PERIOD OF RECORD: 77-86

AIR WEATHER SERVICE/HAC

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STATION NUPBER: 164530 STATION NAME: GELA ITALY

HONTH: SEP HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS CE IL ING | 67 | 160 6E 24 GE 90 5£ GΕ 6F 6£ EE FEET 32 10 60 •0 20 12 0 80 16 48 NO CETL | 21.3 SE 2000C1 22.3 69.8 76.4 82.8 84 .5 85.2 85.2 85.6 85.6 85.6 85.6 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 180001 22.3 160001 22.3 69.8 76 -6 76 -6 76 -6 82.8 84.5 84.5 85.2 85.2 45.2 85.2 85.6 85.6 85.6 85.6 85.6 85.9 85.9 85.9 85.9 GE 85.9 1400 CI 65.2 85.2 85.9 85.6 85.6 SF 1200 CI 22.3 69.8 76.6 22.8 P9 .5 85.2 85.6 85.6 85.6 85.9 85.9 85.9 85.9 85.9 1000 C| 23.4 900 C| 24.1 800 0| 24.1 700 C| 24.1 6F 74.9 78.4 82.5 89.0 50 . 7 54 . 5 91.4 95.2 91.4 91.8 95.5 91.8 95.5 91.8 91.8 92.1 95.9 92.1 92.1 95.9 97.1 92.1 95.5 GΕ 95.9 85.9 86.6 52.8 53.5 95.5 95.9 95.9 79.0 79.0 95 • 2 95 • 2 95.9 95.9 96.6 6E 96.2 96.2 96.2 96.2 96.6 96 • 2 96 • 2 96.6 96.6 96.6 GF 86.6 53.5 96.2 96.2 96.6 86.6 53.5 96.2 96.2 96.6 96.6 96.6 97.3 97.3 50001 24.4 45001 24.4 40001 24.4 35001 24.4 96.9 96.9 97.3 97.3 GΕ 79.7 79.7 87.3 54.2 55.9 96.6 96.6 96.9 96.9 96.9 97.3 97.3 96.6 96.9 96.9 87.3 87.6 94.2 94.5 96.6 96.9 96.9 97.3 97.3 97.6 6E 95.9 96.9 97.3 97.3 80.1 97.6 GE 56 • 2 56 • 2 97.6 97.6 97.3 97.3 97.6 8g.1 87.6 97.6 25.1 \$5.2 300 C F 88.3 \$6.9 98. 3 98.3 98.3 98.3 99.3 99.3 99.3 99.3 99.3 99.3 62.1 62.1 96.6 96.6 58 . 3 58 . 3 100.0 GE 250C1 25.4 89.7 99.7 99.7 99.7 99.7 196.0 100.0 100.0 100.0 20001 25.4 18001 25.4 Ğ€ 99.7 99.7 99.7 89.7 99.7 99.7 99.7 99.7 100-0 160.0 101-0 100.0 100.0 89.7 99.7 99.7 99.7 100.0 6E 82.1 56.6 58.3 100.0 100.0 100.0 100.0 99.7 15001 25.4 12001 25.4 89.7 58.3 99.3 99.3 99.7 100.0 100.0 GE 82.1 56.6 100.0 100.0 100.0 100.0 99.3 99.3 99.3 100Cl 25.4 96.6 96.6 96.6 6E 82.1 89.7 58.3 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 99.3 99.7 90C1 25.4 82.1 89.7 58 • 3 58 • 3 99.3 99.7 99.7 99.7 99.7 100.0 100.0 100.0 96 96 100-0 100.0 58.3 99.7 100.0 100.0 100.0 100.0 100.0 82.1 6E 60 CT 25.4 SR . 3 99.3 99.7 100-0 100.0 100.0 100.0 100.0 50C1 25.4 99.7 99.7 99.7 99.7 99.7 99.7 56.6 56.6 6F 82.1 89.7 \$8.3 99.3 99.3 99.7 99.7 100.0 100.0 100.0 140.0 100.0 4BC1 25.4 58.3 90.7 99.3 99.3 99.7 6€ 82.1 87.7 99.3 10E-D 100.0 100.0 100.0 100.0 30C| 25.4 20C| 25.4 10C| 25.4 82.1 89.7 \$8.3 99.3 10t.o 100.0 100.0 100.0 100.0 GΕ 82.1 82.1 89.7 \$8.3 99.3 99.3 99.7 99.7 99.7 99.7 101.0 0.000 100-0 100.0 100.0 58.3 99.3 99.7 100.0 100.0 100.0 100.0 GΕ C1 25.4 89.7 99.3 99.7 82.1 \$8.3 99.7 105.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUGHLY OBSERVATIONS

PERIOD OF RECORD: 77-86 STATION NUPPER: 364530 STATION NAME: BELA ITALY MONTH: SEP HOURS(LST): 1200-1400 CEILING IN IN } 87 C.F 33 6E SE SE 160 60 32 12 10 ď 80 40 16 48 NO CEIL | 18.3 74.0 ... 83.4 83.7 84.1 84.1 ... 84.1 84.1 75.8 82.7 64.4 64.4 64.4 86.2 6E 20000| 18.7 £5.1 85.5 85.5 86.2 86.2 86.2 86.2 1800 C| 18.7 1600 C| 10.7 75.8 75.8 82.7 62.7 65.1 65.1 85.5 85.5 85.8 85.8 85.8 86.2 86.2 84.2 86.2 86.2 86.2 86.2 86.2 85.1 86.2 1408CF 18.7 75.8 82.7 84.4 85.5 85.8 85.8 84.2 86.2 86.2 86.2 86.2 120001 19.0 ... £5.8 16.5 84.7 86.9 87.2 87.2 87.5 87.5 87.5 87.5 87.5 92.7 94.1 94.8 92.7 94.1 94.8 93.1 94.5 95.2 1000CI 20-1 900CI 20-4 12.4 89.3 \$1.3 \$2 .n 72.4 93.8 92.4 *3.1 9 3 - 1 93.1 93.1 93.1 93.1 GE 900C| 20.4 \$2.7 \$3.1 94.5 94.5 94.5 94.5 63.4 83.7 90.7 91.0 94.5 94.5 53.4 GΕ 94.5 54.1 94.5 74.8 20.4 83.7 91.0 54 . 1 94.5 95.2 95.2 95.2 95.2 95.2 700 CI 53.1 94.5 94.8 95 . Z 33 408C| 20.4 91-0 53.1 94.5 74.6 95.2 95.5 95.5 G€ 50001 20.4 84.4 91.7 73.8 54.8 95.2 95.5 75.6 95.8 95.8 95.8 95.8 95.8 95.8 95.2 95.5 95.5 450E| 20.4 84.4 91.7 91.7 93.8 54 .8 55 .2 95.2 95.5 95.5 95.8 95.8 95.8 95.8 68 95.8 95.8 95.8 95.8 95.8 96.2 96.2 54 . 1 35061 20-4 95.8 84.4 91.7 55.2 95.5 96.2 94.2 96.2 96.2 96.2 96.2 85.5 92.7 55.2 91.2 300 C1 20.8 56.2 76.5 97.2 97.2 6E 25001 21.1 86.9 94.1 57.6 97.9 97.9 98.3 98.3 98.6 98.6 98.6 98.6 98.6 98.6 4.5 99.0 99.0 99.0 99.7 99.7 99.7 99.7 99.7 99.1 2000 21.8 1800 21.8 87.9 87.9 95.5 95.5 57.9 97.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.3 GE GE 100.0 100.0 100.0 130.0 15001 21.8 95.5 97.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 12001 21.8 87.9 95.5 57.9 C9 _ D 99.3 99.7 99.7 100.0 100.0 100.0 100-0 100.0 100.0 100.0 97.9 87.9 1000 21.8 900 21.8 95.5 95.5 57.9 **5**7.9 99.3 99.3 99.3 99.3 99.7 99.7 99.7 99.7 99.7 99.7 99.7 59.0 59.0 99.3 99.3 100.0 GE 100.0 100.0 100.0 100-0 100.0 100.0 Ğξ 100.0 300.0 100.0 100.0 100-0 100.0 #0Cf 21.8 7001 21.8 75.5 100.0 100.0 GE 87.9 \$7.9 59.0 99.3 106.0 100.0 100.0 100.0 100.0 87.9 95.5 97.9 99 .0 99.3 100.0 100.0 100.0 100.0 100.0 6E 100.0 100.0 100.0 95.5 97.9 100.0 95.5 95.5 99.3 99.3 5001 21.8 87.9 57.9 57.9 59.0 99.3 99.3 99.7 99.7 100.0 100.0 100.0 6£ 4001 21.8 87.9 49 -D 100 - 0 100.0 10t.0 100.0 100.0 100.0 30 C) 71.8 87.9 95.5 \$7.9 99.3 99.3 99.7 99.7 100.0 100.0 100.0 100.0 100.0 59 . D 100.0 2001 21.8 1001 21.8 99.7 59.0 100.0 100.0 100.0 100.0 100.0 57.9 59.0 99.3 99.3 100.0 100.0 100.0 100.0 100.0 100.0 D1 21.8 87.9 95.5 57.9 99.7 GE 59.0 99.3 99.3 99.7 100.0 107.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	ATION	ж	JPBER:	164530	5 T AT 1	ON NAME:	GELA	ITALY						OF REC			1500-17	00
	• • • • •	•••	• • • • • •	• • • • • • •	•••••	• • • • • • • •		•••••						• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••
	il ine In		61	6E	68	G€	GE	Œ	VISIBIL:	6E	GE	5 OF 71€	GE 16 M 2	EE	GE			
	EE T	i	160	90	80 80	60	48	4 G	32	24	20	16	12	10	95	GE 5	GE.	6 E D
			160		8 U						~~		32	10				
•••		•	• • • • •			••••								••••	•••••		•••••	•••••
NO	CEIL	ı	19.0	69.0	74 -1	17.2	77.9	76.6	70 - 6	78.6	79.0	79.0	79.0	75.0	79.0	79.0	79.0	79.0
														_				
	2000			71.7	76.9	2 U-U	20.7	81-4	81.4	81.4	81.7	61.7	81.7	81.7	81.7	81.7	81.7	81.7
GΕ	1600	C I	19.0	72.1	77.2	80. 3	0.19	81.7	81.7	61.7	82-1	82.1	82.1	82.1	82.1	#Z.1	67.1	82.1
	1600			72-1	77.2	FD • 3	0.13	81.7	81.7	81.7	82.1	82.1	87.1	82.1	82.1	B2.1	82.1	02.1
66	1408	Cl	19.0	72.1	77.2	8U.3	61.0	81.7	81.7	81.7	82-1	92 - 1	82.1	82.1	82-1	82-1	82.1	P 2 - 1
GΕ	1200	01	19.C	72.8	77.9	e1.0	21.7	82.4	82-4	82.4	\$2.8	#2 - 8	82.8	82.8	82.8	92.8	82.8	82.8
6€			20.3	79.7	85.2	66.3	69.0	89.7	89.7	89.7	90.0	90.0	90.0	96.0	90.0	90.B	90.0	90.0
6E			21.7	83.1	88.4	52.1	52.8	93.4	93.4	93.8	94.1	94 - 1	94.3	94.1	94.1	94.1	94 . 1	94 •1
6E			21.7	83.4	89.0	52.4	53.1	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
SE.			21.7	R3.4	89.0	52.4	93.1	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	600	CI	21.7	83.4	89.0	52.4	53.1	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
6 E	Sna	e t	21.7	89.1	39.7	\$3.1	53.8	94.5	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
38			21.7	84.1	89.7	93.1	53.8	94.5	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
6E	_		21.7	84.1	89.7	53.4	99.1	94.8	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE.			21.7	84.1	89.7	53.4	54.1	74.4	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
G€			21.7	85.9	91.4	95.2	95.9	96.6	96.6	96.9	97.2	97.2	97.2	91.2	97.2	97.2	97.2	97.2
-	200	٠,	,	4347	7.07	7.3.02	•3•,	70.0	70 10	, , ,	,,,,	****	,,,,	, , , , ,	7742	7112	7.02	****
GE	250	CI	22.1	97.2	92.8	56.6	\$7.2	97.9	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	200	e t	22.1	88.6	94 .1	57.9	\$8.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	180	CI	22.1	88.6	94.1	97.9	58.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	150	CL	22.1	88.6	94 .1	97.9	58 .6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	120	٥İ	22-1	88.6	94 .3	57.9	58 . 6	99.3	99.3	99.7	100-0	100 - 0	100.0	100.0	100.0	100.0	100.0	100-0
																=		
GE			22.1	88.6	94.1	57.9	58 .6	99-3	99.3	99.7	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
6E			22.1	88.6	94.1	57.9	58.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	60	Cį	22. I	68.6	94.1	\$7.9	58 .6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.8	100.0	100.0
GE		C I		88-6	94.1	57.9	58 .6	99.3	99.3	99.7	140-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	60	CI	22.1	88.6	94.1	57.9	58.6	99.3	99.3	99.7	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GĒ			22.1			97.9								10	100.0			180 0
				88.6	94.1		48 .6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		Ξį		88.6	94.1	97.9	\$8.6	99.3	99.3	99.7	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100-0
GΕ		Ξİ		38-6	94.1	57.9	58 .6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E			22-1	98-6	94.1	57.9	\$8.6	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0
6E	10	L.	22.1	78.6	94.1	97.9	88 - 6	99. 3	99.3	99.7	160.0	100 • 0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		rl	22.1	88.6	94.1	57.9	58 .6	99.3	99.3	99.7	100.0	100.0	100-0	100.0	100.0	1 no-o	100.0	100.40
•••		•••	• • • • • •	• • • • • • •		• • • • • • • •		•••••								******		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	-			164530										OF REC			1800-2 L	.00	
	IL ING	•••	*****	• • • • • • •	•••••	* * • • • • •	• • • • • •	••••			HUNDREDS		TERS	••••	• • • • • •	•••••	• • • • • •	••••	•
	IN	1	61	32	6 E	GΕ	56	Œ	GL	GE .	GE	66	38	33	GE	Gξ	GE	GE	
	EET	i	160	90	80	60	48	40	32	24	20	16	12	10		- ` 5		0	
•••		•••	*****			• • • • • •		** * * * * *		• • • • • •				• • • • • • •			•••••		٠.
WO	CEIL	1	16.1	67.8	73.4	76.9	78.3	78.7	78.7	78.7	79.0	79.0	79.4	75.4	79.4	79.4	79.4	79.4	
GE	2000	13	16.1	69.9	75.9	79.0	EO.4	80.8	80.8	80.8	81.5	81.5	81.8	81.8	81.6	81.8	81.8	81.8	
60	1800	٥i	16.1	67.9	75.9	79.0	60.4	80.8	80.5	80.8	81.5	81.5	81.8	81.8	81.8	81.8	81 - 6	81.8	
GE	1600	ĊΪ	16.1	69.7	75.9	79 - 0	4.03	8 G. 8	80.8	80.8	81.5	81.5	81.8	81.8	81.8	81.6	61.8	A 1 .8	
6E	1400	ot	16.1	69.9	75.9	79.0	4.05	8 C. 8	80.8	80.8	81.5	81.5	81.6	81.6	81.8	81.8	81.8	81.8	
6E	1200	C)	16.1	71.3	77.3	80.4	61.8	82.2	82.2	82.2	82.9	82.9	83.2	8 3 . 2	83.2	83.2	83.2	83.2	
										_									
G€	1000	C I	17.1	77.3	83.9	e7 - 1	86.5	88.8	88.8	88.8	87.5	89.5	89.9	85.9	89.9	F9.9	89.9	89.9	
€€			17.1	79.4	86.4	£9.5	50.9	91.3	91.3	91.3	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	
θE	800	CI	17.1	79.7	86.7	e9 . 9	51.3	91.6	91.6	91.6	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	
6E			17.1	79.7	86.7	89.9	91.3	91.6	91.6	91.6	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	
GE	PLD	CÎ	17.1	79.7	86.7	69. 9	91.3	91.6	91.6	91.6	92.3	92.3	97.7	92.7	92.7	92.7	92.7	92.7	
GE		-1	17.1	80.8	87.4	50.9	52.3	52.7	92.7	92.7	93.4	93.4	93.7	92.7	93.7	93.7	93.7	93.7	
6E			17.1	80.8	87.8				92.7	92.7	93.4	93.4	93.7	91.7	93.7	93.7	93.7	93.7	
6E			17.1	81.1	88.1	50.9 51.6	52.3 53.0	92.7 93.4	93.4	93.4	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	
GE			17.1	81.1	88.1	51.6	53.0	93.4	93.4	93.4	94.1	74.1	94.4	94.4	94.4	94.4	94.4	94.4	
GE			17.8	83.6	90.4	54 - 1	55.5	96.2	96.2	96.2	96.9	96.9	97.2	91.2	97.2	97.2	97.2	97.2	
O.	300	٠,	• • • •	0.300	70.00	74.1	73.3	700 4	70 . 2	7004	70.7	70.7	71.62	71.2	71.2	47.2	71.2	71.02	
6 E	250	13	17.8	85.3	92.3	55 - 8	57.2	97.9	97.9	97.9	98.6	98.6	99.0	95.0	99.D	99.0	99.0	99.0	
60	2110	σİ	18.2	86.0	93.4	56.9	58.3	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	Cİ	18.2	86.0	93.4	56.9	58.3	99. D	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
G€	150	Cł	18.2	86.0	93.4	56.9	58.3	99. D	99.0	99.0	99.7	99.7	107.0	100.0	100.0	190.0	100.0	100.0	
GE	120	61	18.2	86.0	93.4	% . 9	58.3	99.4	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
38	100	c I	18.2	86.0	93.4	56.9	58.3	99. B	99.B	99.0	99.7	99.7	100-0	100.0	100.0	100.0	160.0	100.0	
GE			18.2	86.0	93.4	\$6.9	58.3	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100 - p	100-0	100.0	100.0	
Gε	80	CI	18.2	86.0	93.4	56.9	58.3	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	106.0	
GĒ	78	o l	19.2	86.D	93.4	56.9	98.3	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE	60	Cl	18.2	84.0	93.4	56 . 9	\$8.3	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100-0	100.0	100.0	
		٠.				-													
6E			18.2	86.0	93.4	56.9	58.3	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
ΘĒ			10.2	86.0	93.4	56.9	\$8.3	99.D	99.0	99.B	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
39		- 1	18.2	86.0	93.4	56.9	58.3	99.0	99.8	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100-0	
GE			18.2	86.D	93.4	96 • 9	58.3	99.0	99.0	77.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100-0	
GE	10	.,	18.2	86.D	93.4	96.9	\$8 • 3	99. B	99.0	99-0	99.7	99.7	100.0	100.0	180.0	100.0	100.0	100.0	
GE		a t	18.2	86.D	93.4	56.9	50.3	99.0	99.0	99.0	99.7			100.0			100-0		_

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						DE NAME:							MONTH	OF REC	HOURS	(LST);	2100-23	00
	L ING	•••	••••	••••••	** * * * * *	• • • • • • • •	•••••	•••••	VISIBIL					•••••	• • • • • • •	•••••	• • • • • •	••••
1	N E T	1	61 160	6F 9G	40 6 E	en ee	GE 48	GE 40	GE 32	GE 24	GE 20	6E 16	GE 17	€€ 10	98 8	6£ 5	GE 4	6 E O
NO	CEIL	ı	28.2	76.8	8 3 .Q	85.7	66.5	86.8	88.8	6 6 . 6	68.8	88.8	88.8	88.8	86.8	PB.8	88.8	5 6 . 8
GE	20001 16001	0 i	29.0 29.0	77.6 77.6 77.6	83.8 83.8	6.5 6.5 6.5	67.3 67.3 67.3	89.6 89.6	89.6 89.6	89.6 89.6	89.6 89.6	89.6 89.6	89.6 89.6	85.6 85.6	89.6 89.6	89.6 89.6	89.6 89.6	89.6 89.6 89.6
	1200			77.6 79.2	83.8	86.5 68.0	67.3 68.8	89.6 91.1	89.6 91.1	89.6 91.1	89.6 91.1	89.6 91.1	89.6 91.1	85.6 91.1	89.6 91.1	91-1	89.6 91.1	89.6
38 38	8000	Cİ CI	31.3	81.9 84.6 84.6	98.0 90.7 90.7	90.7 93.4 93.4	51.5 54.2 54.2	93.8 96.5 96.5	93.8 96.5 96.5	93.8 96.5 96.5	93.8 96.5 96.5	93.8 96.5 96.5	93.8 96.5 96.5	91.8 96.5 96.5	93.8 96.5 96.5	93.8 96.5 96.5	93.8 96.5 96.5	93.8 96.5 96.5
GE	600	čį	31.3	84.6	90.7	53.4 53.4	54.2	96.5 96.5	96.5	96.5	96.5	96.5 96.5	96.5 96.5	96.5	96.5	96.5 96.5	96.5 96.5	96.5 96.5
30 30 30		c į	31.3 31.3	84.6 84.6	90.7 90.7 90.7	93.4 93.4 93.4	94.2 54.2 54.2	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5	96.5 96.5 96.5
39 39	35 Q (31.3	85.3	90.7 91.5	93.4 54.2	59 •2 55 •0	96.5 97.3	96.5	96.5 97.3	96.5 97.3	96.5 97.3	96.5 97.3	96.5 97.3	96.5 97.3	96.5 97.3	96.5 97.3	96.5
6E 6E	250 (200 (180 (C i	32.0 12.0 32.0	86.9 87.6 87.6	93.1 94.2 94.2	55.8 56.9 56.9	\$6.5 \$7.7 \$7.7	98-8 100-0 100-0	98.8 100.0 100.0	98.8 100.0	96.6 100.0 100.0	76.8 100.0 100.0	98.8 100.0 100.0	98.8 100.0 130.0	98.8 100.0 100.0	98.8 100.0 100.0	98.8 100.0	98.8 100.0 100.0
GE GE	150	6.	32.0	87.6	94.2	96.9 96.9	\$7.7 \$7.7	100.0 100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE GE	901	ci	32.0 32.0	87.6 87.6 87.6	94.2 94.2 94.2	96.9 96.9 56.9	57.7 57.7 57.7	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0 100.6	10C.0 10C.0	100.0 100.0 100.0	100.0 100.0	100.0	0.001 0.001 0.001
GE	701	O Ì	32.0 32.0	87.6 87.6	94.2	96 • 9 96 • 9	\$7.7 \$7.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE		C i	!2.0 !2.0	87.6	94.2 94.2	\$6.9 \$6.9	57.7 57.7	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
GE GE	20		12.0 12.0 12.0	87.6 87.6	94 •2 94 •2 94 •2	%.9 %.9 %.9	\$7.7 \$7.7 \$7.7	100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	100-0 100-0 100-0	100.0 100.0 100.0	100.0 100.0	10C.0 10C.0	100.0 100.0 100.0	100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0
GE		c I		87.6	94.2	96.9	\$7.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	ATION	NUPBE	R: 16453!	STATI	ION MAME:	GELA	1TALY					PERIOD	OF PEC	ORD: 71	-86		
							-						4: SEP		ILST1:	ALL	
•••		•••	• • • • • • • •	•••••	• • • • • • • •	• •• • •	** * * * *						• • • • • • • •	•••••	•••••	•••••	••••
	IL ING							AIZIFIF									
	IN	1 61		39	6E	GE	Œ	66	Œ	6£	GE	GE.	EE	GE	GE	GE	GE
	ET	1 16		90	60	48	40	32	24	20	16	12	10	8	5	•	ø
•••	••••	••••	• • • • • • • • •	••••	• • • • • • • • •	• •• • • •	•••••	•••••	•••••	•••••	• • • • • • •		•••••	•••••		•••••	•••••
NO	CEIL	1 22.	772.2	77.7	42.2	83.4	84.3	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8
	-	-								•							
6E	2000	CI 22.	5 73.7	79.4	£3.9	85.2	86.0	86.0	86.1	86.3	R6.3	86.4	86.5	86.5	#6.5	86.5	86.5
GE	1800	CI 22.	5 73.8	79.5	24 . 0	85.2	86.D	86.0	86.2	46.3	86.4	86.4	86.5	86.5	86.6	86.6	86 .6
G€	1600	GI ZZ.	5 73.8	79.5	44.0	25.2	86. D	86.D	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6
GE	14C0	oi 22.	5 73.8	79.5	84.0	25.2	86.0	86.0	86.2	86 - 3	86.4	86.4	86.5	86.5	86.6	86.6	86 .6
GE	1200	C) 22.	7 74.6	80.3	24.8	0.03	86.8	86.8	87.0	87.2	87.2	87.3	87.3	87.3	87.4	87.4	67.4
GE	1000	CI 23.	6 79.0	84.9	89.6	50.8	91.6	91.6	91.7	91.9	92.0	92.0	92.1	92.1	92.2	42.2	92.2
GΕ	930	CI 24.	81.8	87.4	52.6	\$3.8	94.6	94.6	94.8	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
GΕ	800	CI 24.	1 82.0	88.1	52.8	54 . 1	94.9	94.9	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5
6E	700	CI 24.	1 82.0	88 -1	52.8	54 . 1	94.9	94.9	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5
38	600	01 24.		88.1	52.8	54 . 1	74.9	94.9	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5
ΘE	500	CI 24.	2 82.6	88.7	93.4	54.7	95.5	95.5	95.7	95.9	95.9	96.D	96.1	96.1	96.1	96.1	96.1
GE	450	C1 24.	2 82.6	88.7	53.4	54 . 7	95.5	95.5	95.7	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1
GE	900	C1 24.	2 52.8	88.8	53.7	55 .C	95.8	95.8	96.D	96 - 1	96.2	96.2	96.3	96.3	96.4	96.4	96.4
6E		El 24.		88 -8	53.7	\$5.0	95.8	75.8	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.4
GE	300	CI ZA.	8 84.1	90.1	55.1	56.4	97.2	97.2	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8
GΕ	250	El 24.	9 85.2	91.2	56.2	57.5	98.4	98.4	98.6	98.8	98.8	98.9	95.0	99.0	99.0	99.0	99.0
G€	200	CI 25.	1 85.9	92.2	97.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	106.0	100-0	100.0	100.0	100.0
БĒ	180	C 25.	1 85.9	92.2	57.2	98.5	99.4	99.9	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
ĞΕ	150	C1 25.	1 85.9	92.2	97.2	58.5	99.4	99.4	99.6	99.8	99.8	90.9	100.0	100.0	100.0	100.0	100.0
6E	120	ci as.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	90.9	100.0	100.0	100.0	100.0	100.0
			-	-												•	
6E	100	CI 25.	1 85.9	92.2	57.2	\$8.5	99.4	99.4	99.6	99.8	99.8	99.9	100-0	100.0	100.0	100.0	100.0
GE	90	01 25.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99 . 8	99.9	100.0	100.0	100.0	100 • 0	100.0
GE	80	C† 25.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
G€	70	CI 25.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE		CI 25.		92.2	57.2	58 . 5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
				-													
GΕ		cl as.		92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE	.0	CI 25.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
G€	30	GI 25.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE	20	CI 25.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	170.0	100.0	100.0
6E	10	CI 25.		92.2	57.2	58 .5	99.4	99.4	99.6	99.8	99.8	99.9	100-0	100.0	100.0	100.0	100.0
							•	•									
G€		CI 25.	1 85.9	92.2	57.2	58.5	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
•••		•••	• • • • • • • •	• • • • • • •													
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): DDDD-D206 STATION NUPBER: 16453C STATION NAME: GELA ITALY

	L ING	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••			HUNDRED			•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••
	N I	GT.	68	6 E	39	GE	Œ	GE	GE	6E	GE	GE	EE	66	GE	G€	GF
	ËT I	160	90	90	60	46	4.0	32	24	20	16	12	10		5	4	Ü
		• • • • • •									• • • • • •			• • • • • • •		• • • • • •	
		• • •	• • • • • • • • • • • • • • • • • • • •														••••
NO	CEIL	27.6	71.5	75.3	17.6	77.9	79.5	79.5	80.6	80.6	60.6	81.0	81.0	81.0	81.4	81.4	81.7
6.5	2000 C1	37.6	71.5	75.3	77.6	78.3	79.8	79.8	81.0	81.0	91.0	81.4	81.4	81.4	81.7	81.7	82.1
	180001		71.5	75.3	77.6	78.3	79.8	79.8	81.0	81.0	81.6	81.4	81.4	81.4	81.7	81.7	82.1
	160001		71.5	75.3	17.6	78 - 3	79.8	79.8	81.0	81.0	81.0	81.4	81.4	81.4	81.7	81.7	82.1
	140061		71.5	75.3	77.6	78,3	79.8	79.8	81.0	81.0	81.0	81.4	81.4	81.4	81.7	81.7	02.1
	1200CI		71.9	76.0	78 - 3	79.1	80.6	80.6	81.7	81.7	81.7	82.1	82.1	82.1	A2.5	82.5	82.9
			• • •							- • - •	•••						
6E	1000 C1	39.5	76.4	80.6	82.9	83.7	85.2	85.2	86.3	86.3	86.3	86.7	86.7	86.7	87.1	87.1	87.5
GE	90001	39.9	80.6	84 -8	87.1	27.8	87.4	89.4	90.5	90.5	90.5	90.9	96.9	90.9	91.3	91.3	91.6
6E	80001	29.9	81.7	85.9	28.2	£9 .0	90.5	90.5	91.6	91.6	91.6	92 . n	92.0	92.0	92.4	92.4	92.8
GE	700 E 1	39.9	81.7	85.9	88.2	89.0	90.5	90.5	91.6	91.6	91.6	92 - D	92.D	92.0	92.4	92.4	92.8
6E	60001	39.9	81.7	85.9	88 - 2	89 .D	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92 - 4	92.8
GE	500 c l	19.9	81.7	85.9	88 • Z	e9 .0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
6E	450 C I		81.7	85.9	28.2	89 .0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GΕ	90001		81.7	85.9	EB - 2	69.0	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
6E	35001		81.7	85.9	E8 • 2	29 · O	90.5	90.5	71.6	91.6	91.6	92.0	92.0	92.0	92.4	92.4	92.8
GE	300 C I		84.0	88.2	90.5	51.6	73.7	73.9	95.1	95.1	95.1	95.4	95.4	95.4	95.8	95 - 8	96.2
			•				. •						- •				
GE	250 C I	41.8	84.8	89.0	51.3	52 .4	74.7	94.7	75.8	95.8	95.8	96.2	96.2	96.2	96.6	96.6	97.0
GΕ	20051	43.0	86.3	90.5	53.2	54 . 3	96.6	96.6	90-1	98 - 1	76 - 1	98.5	98.5	98.5	98.9	98.9	99.2
66	18001	43.n	86.3	90.5	\$3.2	59.3	76.6	96.6	98.1	98.1	78.1	98.5	98.5	98.5	98-9	98.9	99.2
GE	15001	43.0	86.3	90.5	53.2	54.3	97.0	97.0	78.5	98.5	98.5	78.7	98.9	94.9	99.2	99.2	99.6
6E	12061	43.0	86.3	90.5	53.2	54 . 3	97.0	97.0	98.5	78.5	78.5	98.9	98.9	98.9	99.2	99.2	99.6
	• • •	•	•												•		• =
SE	10001	43.0	86.7	90.9	53.5	54 . 7	97.3	97.3	78.7	78.7	78.9	94.2	95.2	99.2	99.6	99.6	100.0
6E	9001	43.0	86.7	90.9	53.5	54.7	97.3	97.3	74.7	78.7	78.9	99.2	95.2	99.2	99.6	99.6	100.0
GE	1204	43.0	86.7	90.9	13.5	54.7	97.3	97.3	76.7	78.7	78.7	99.2	99.2	99.2	99.6	99.6	100.0
6E	7001	43.0	86.7	90.9	93.5	54.7	97.3	97.3	78.7	78.9	98.9	99.2	95.2	99.2	99.6	99.6	100.0
GE.	1300	43.D	86.7	90.9	\$3.5	54.7	97.3	97.3	78.7	98.9	78.7	99.2	95.2	99.2	99.6	99.6	100.D
						-											
GE	Soci	43.0	86.7	97.9	53.5	94.7	97.3	97.3	78.7	98.7	98.9	99.2	95.2	99.2	99.6	99.6	100.0
GE	4001	43.0	86.7	90.9	93.5	54 . 7	97.3	97.3	98.9	98.9	78.9	99.2	95.2	99.2	99.6	99.6	100.0
GE	30 6 1	43.0	86.7	90.9	53.5	59 .7	97.3	97.3	98.9	98.9	78.7	90.2	95.2	99.2	99.6	99.6	100.0
GE	50 01	43.0	86.7	90.9	53.5	59.7	97.3	97.3	98.9	98.9	98.7	99.2	95.2	99.2	99.6	99.6	100.0
GE	1001	43.0	26.7	90.9	53.5	54 . 7	97.3	97.3	98.9	98.9	98.9	99.2	95.2	99.2	99.6	99.6	100.0
																	-
GE	C1	43.0	86.7	79.7	93.5	59.7	97.3	97.3	98.9	98.9	98.9	99.2	95.2	99.2	99.6	99.6	100.0
•••		• • • • • •									• • • • • •						

GLOBAL CLIPATOLOGY BRANCH USAFETA C

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500 STATION NUPBER: 164530 STATION NAME: GELA ITALY VISIBILITY IN HUNDREDS OF METERS CE IL ING IN | GT FEET | 160 Œ 6E 24 6E G€ Œ 6E 32 GE GE 6E GE 90 20 16 10 ď 80 60 48 *0 12 5 NO CEIL 1 25.3 77.2 1.03 80.9 61.3 81.7 81.7 81.7 82.2 73.4 79.7 8 n. 5 80.5 80.9 GE 200001 35.7 77.6 73.9 20.5 80.9 82.2 82.2 82.2 92.6 82.6 82.6 80.9 81.3 81.3 81.7 20.1 77.6 77.6 78.0 GE 180001 35.7 GE 1600C1 35.7 73.9 80 - 1 80.9 80.9 80.9 81.7 87.2 82.2 82.2 82.6 82.6 82.6 82.6 EO - 1 £0.5 80.9 81.3 81.3 8 2 .6 8 3 .0 81.7 1400 C 74.3 80.5 82.2 82.6 83.0 83.0 80.9 81.3 81.3 81.7 6E 120001 35.7 74.3 80.5 £0.9 87.6 82.6 83.0 83.0 6E 1000C1 36.5 6E 900C1 37.3 78.0 82.2 84 . 6 25.1 85.5 85.5 R 5.. 9 85.9 86.3 86.7 86.7 86.7 87.1 87.1 A7.1 89.6 89.6 91.3 92.1 82.6 87.1 87.1 87.1 \$0.0 90.5 90.9 90.9 90.9 91.7 91.7 91.7 92.1 92.1 92.1 92.1 96.5 90.0 91.7 **6**E 800C1 37.3 90.5 90.9 91.3 91.7 91.7 92.1 92.1 GE 70061 37.3 82.6 98.5 90.9 91.3 91.7 91.7 97.1 92.1 90.5 90.9 91.3 90.5 6E 60 .Q 90.9 91.3 91.7 91.7 91.7 92.1 92.1 50001 37.3 82.6 89 - 6 90.5 90.5 90.9 92.1 87.1 87.1 87.1 450C1 37.3 400C1 37.3 82.6 89.6 90.0 90.5 90.5 90.5 90.9 91.3 91.7 91.7 91.7 92.1 92.1 92.1 6€ 90.9 GE 90.9 350 C | 17. 3 82.6 19.6 50.0 90.5 90.5 90.9 90.9 91.3 91.7 91.7 92.1 92.1 92.1 6E 6E 92.9 30001 37.3 83.8 88.4 50.9 \$1.3 92.1 92.1 92.5 92.5 95.4 93.8 93.8 93.8 93.4 95.9 95.9 95.9 54 .2 56 .7 56 .7 56 .7 G€ 25061 38.2 85.9 88.4 90.9 95.4 97.9 95.4 95.9 95.9 96.3 99.2 95.7 96.7 96.7 97.1 97.1 97.1 93.4 93.4 93.4 97.9 97.9 97.9 99.6 2PDC1 39.0 98.3 98.8 99.6 100.0 100.0 100.0 180C1 29.0 150C1 39.0 97.9 99.6 99.6 95.6 95.6 98.3 98.3 98.8 99.2 99.2 100.0 88.4 100.0 100.0 88.4 100.0 100.0 99.6 GE 12001 39.0 93.4 96.3 98.8 100.0 100.0 100.0 1ngtl 19.0 93.4 93.4 56.7 56.7 97.9 97.9 98.3 98.3 99.2 99.2 99.6 95.6 99.6 100.0 GF 86.4 55.9 97.9 97.9 98.8 100.0 100.0 88.4 55.9 98 • 8 98 • 8 95.6 100.0 GE 100.0 190 -0 80C| 19.0 88.4 97.9 97.9 98.3 99.2 99.6 55.9 56.7 95.6 99.6 100.0 100.0 70C1 39.0 97.9 99.6 99.6 100.0 GE 88.4 93.4 55.9 56.7 97.9 98.3 98.8 99.2 99.6 95.6 100.0 100.0 93.4 55.9 100.0 GΕ Sect 19.0 88.4 93.4 99.6 100.0 \$6.7 98.3 98.3 98.3 99.6 95.6 55.9 97.9 97.9 98.8 99.2 100.0 100.0 99.6 99.6 99.6 99.6 40C| 19.0 30C| 19.0 20C| 19.0 93.4 55.9 55.9 56.7 56.7 97.9 97.9 98.8 98.8 99.2 95.6 99.6 100.0 86.4 100.0 100.0 88.4 100.0 100.0 GE 93.4 95.9 100.0 10C1 39.0 99.6 GE 88.4 \$6.7 97.9 97.9 98.3 98.8 100.0 GĒ cl 29.0 88.4 93.4 95.9 56.7 97.9 97.9 98.3 98.8 99.2 90.6 95.6 99.5 100-0 100-0 100.0

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

51	N NOIT	U PBER :	164530	STATI	OR NAME:	6EL A	ITALY					PERIOD MONTH	OF REC		-86 (LST); (0600- ₀ 6	0 0
	L 146	• • • • • •	• • • • • • •	•••••	• • • • • • •	• •• • •				HUNDRED			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••••
	N I	G1	6€	GE	GE	GE	GE	GE	GΕ	GE	38	. 6£	EE	GE	GE	GE	GE
	ET i	160	90	80	68	48	40	32	24	20	16	12	10		5	4	0.0
•••									• • • • • •					• • • • • • •	• • • • • • •		
NO	CEIL !	16.8	60-1	63.6	67.0	68.0	69.4	69.4	70.8	70.8	71.1	71.5	71.5	71.5	71.8	71.8	72.2
	300::01				40. 0	30.4	•• •								• •	•	
	2000 G 1800 G		62.5 62.5	0.00 0.00	69.4 69.4	70.4 70.4	71-8 71-8	71.8 71.8	73.2 73.2	73.2 73.2	73.5 73.5	73.9 73.9	73.9 73.9	73.9 73.9	74.2 74.2	74.2 74.2	74.6 74.6
	160001		62.5	66 .D	49.4	70 -4	71.B	71.8	73.2	73.2	73.5	73.9	71.9	73.9	74.2	74.2	74.6
	140001		62.5	66.0	69.4	10.4	71.8	71.8	73.2	73.2	73.5	73.9	71.9	73.9	74.2	74.7	74.6
	120001		63.2	66.7	70.1	71 -1	72.5	72.5	73.9	73.9	74.2	74.6	74.6	74.6	74.9	74.9	75.3
OL.	121.001	1113	0 3 6 2	00.11		** • •	12.3	12.00	1 3.7	13.7	1402	74.6	, 4.0	14.0	, 4.7	74.7	, , , ,
GΕ	1000 C1	18.2	69.8	73.2	17.3	78.4	79.7	79.7	81.1	81.1	81.4	81.8	81.8	61.9	A2+1	82.1	82.5
GE	90001		76.6	80.4	84 . 9	25.9	88.0	89.0	89.3	89.3	89.7	97.0	96.0	90.0	90.4	90.4	90.7
GE	800 CI		77.0	8.18	85.2	26.3	88.3	88.3	89.7	89.7	90.0	90.4	90.4	90.4	90.7	90.7	91.1
GΕ	700 6		77.D	80.8	85.2	86.3	86.3	88.3	89.7	89.7	90.0	90.4	90.4	90.4	90.7	90.7	91.1
GE	600 C1		77.6	80.8	85 . 2	86.3	88.3	88.3	89.7	89.7	90.0	97.4	96.4	90.4	90.7	90.7	91.1
GE	50001	21.0	79.0	82.8	e7 . 3	88.3	90.4	90.4	91.8	91.8	92.1	92.4	92.4	92.4	92.8	92.8	93.1
99	45001	21.0	79.0	82.6	67 - 3	28.3	90.4	90.4	91.8	91.8	92.1	92.4	92.4	92.4	92.8	92.8	93.1
GE	40001	21.0	79.0	82.8	87.3	88.3	98.4	90.4	91.8	91.8	92.1	92.4	92.4	92.4	92.8	92.8	93.1
48	35D E		79.D	8.58	87 • 3	EB . 3	90.4	90.4	91.8	91.8	92 • 1	92.4	92.4	92.4	92.8	92.8	93.1
GE	306 01	21.3	*1.1	84.9	50 • D	51.1	93.1	93.1	94.5	94.5	94.8	95.2	95.2	95.2	95.5	95.5	95.9
GE	25001		83.8	87.6	52 . 8	53.8	95.9	95.9	97.3	97.3	97.6	97.9	91.9	97.9	98.3	98.3	98.6
GE	20001		84.9	89.0	54 . 2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
G€	180 61		84.9	89 aD	54 + 2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
GE	150C		84.9	89.U	54 . 2	55.2	97.3	97.3	98.6	98.6	99.0	99.5	95.3	99.3	99.7	99.7	100.0
6E	12001	27.0	84.9	89.0	54 . 2	55 •Z	97,3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
GE	10061	22.0	84.9	89.0	54.2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
GE		22.0	84.9	89.0	54.2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
GΕ		22.0	84.9	89.0	54.2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
ĞĒ		22.D	84.9	89.0	54 . 2	55.2	97.3	97.3	98.6	98.6	99.C	99.3	95.3	99.3	99.7	99.7	100.0
GE		22.0	84.9	89.0	54.2	55 . 2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
				•												-	
6E	SUCI	22.0	84.9	89.0	54.2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	79.7	99.7	100.00
GE	4001	22.0	84.9	89.0	54.2	55.2	97.3	97.3	98.6	98.6	99.D	99.3	99.3	99.3	99.7	99.7	100.0
GE	30 C f	22.0	84.9	89.0	54.2	55.2	97.3	97.3	98.6	98 -6	99.0	99.3	95.3	99.3	99.7	99.7	100.0
GΕ		22.0	84.9	89.C	54.2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	99.7	100.0
ĿE	1001	22.0	84.9	89.0	54.2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.5	99.7	99.7	100.0
€E	• .	22.0	84.9	89.0	54 • 2	55.2	97.3	97.3	98.6	98.6	99.0	99.3	95.3	99.3	99.7	99.7	100 •0
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

		WPBER:	16453C	STATI	DR NAME:		_					HONTH	OF PEC 1: 0C1	HOURS		0900-11	ດຍ	
	LING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••		VISIBIL						• • • • • • •	• • • • • • •	• • • • • •	••••	• •
	N I	61	GΕ	GΕ	٥۴	GE	GE	GE	GE	GE	6E	GE	33	GE	GF	GE	G €	
	ET		90	an an	60	48	• 0	32	24	20	16	12	10	8	5	4	a	
																• •		
																•••••		•
NO	CEIL I	23.4	63.3	67-1	69.6	12.4	72.7	72.7	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
GE	2000 C	24.1	66.8	71.0	73.8	76.6	76.9	76.9	76.9	76.9	77.3	77.3	71.3	77.3	77.3	77.3	77.3	
G€	1800 C	24.1	66.8	71.0	73.8	16 . 6	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE	160001	24.1	66.8	71.0	73.8	16.6	76.9	76.9	76.9	76.9	77.3	77.3	71.3	17.5	77.3	77.3	77.3	
	140001		66.8	71.0	73.B	76 .6	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE	1 500 C	24.1	67.8	72 •U	74 . 8	77.6	78.3	70.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
ĢĒ			73.4	78.3	1.13	63.9	84.6	84.6	84.6	84.6	85 . D	85.0	85.0	85.0	85.0	65.0	F 5 • D	
GE		28.3	79.0	84.6	e7.4	\$0.2	90.9	90.9	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
G€		28.3	79.4	85.0	F7.8	50.6	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	9 I .b	
GΕ		28.3	79.4	85.0	27.8	50.6	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
6E	PC0 ()	28.3	79.4	85 •D	e7.8	50.6	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
	_																	
GE		28.3	8B.1	85.7	e8 • 5	\$1.3	92.0	92.0	92.0	92.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
G€		28.3	80.1	65.7	88. 5	51.3	92.0	92.0	92.0	92.D	92.3	97.3	92.3	92.3	92.3	92.3	92.3	
GE	40001	28.7	80.4	86.0	E8 . B	51.6	97.3	92.3	92.3	92.3	92.7	97.7	92.7	92.7	92.7	92.7	92.7	
Gξ	350 C	29.0	81.1	86.7	89.5	52.3	93.D	93.0	93.0	93.0	93.4	93.4	91.4	93.4	93.4	97.4	93.4	
GΕ	300 C l	30.1	83.9	89.5	52.3	55.1	95.8	95.8	95.8	95.8	96.2	94.2	96.2	96.2	96.2	96.2	96.2	
GE	250 C l	20.4	85.0	92.0	54 - 8	57.6	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98-6	99.6	96.6	
GE	2000	20.8	85.7	92.7	55.5	98.3	99.0	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
G€	1800	30.8	85.7	92.7	55.5	58.3	99.4	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
Ŀ٤	15001	20.8	85.7	92.7	55.5	58.3	99.0	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
GE	13051	30.8	85.7	92.7	95.5	98.3	99.0	99 • ŋ	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
GΕ	1001	20.8	85.7	92.7	55.5	58.3	99.0	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
G€	90 C I	20.8	95.7	92.7	95.5	58.3	99.6	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
GE	POCI	30.8	85.7	92.7	55.5	58.3	99.0	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
٥ŧ	70 C	10.8	85.7	92.7	95.5	58.3	99. C	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
GE	6601	30.8	85.7	92.7	55.5	58.3	99. Ö	99.0	99.B	99.0	99.3	90.3	95.7	99.7	99.7	99.7	99.7	
GΕ	50 C l	20.8	85.7	92.7	55. 5	58.3	99.U	99.0	99.0	99.0	99.3	90.3	95.7	99.7	99.7	99.7	99.7	
6E	45.61	30.8	85.7	92.7	55.5	58.3	95.0	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
GE	30 C	30 · B	85.7	92.7	55.5	58.3	99.0	99.0	99.0	99.0	99.3	90.3	95.7	99.7	99.7	99.7	99.7	
GE	2601	10.8	95.7	92.7	95.5	98 . 3	99.0	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
GE	166	30.8	85.7	92.7	95.5	58.3	99.0	99.0	99.0	99.0	99.3	99.3	95.7	99.7	99.7	99.7	99.7	
GE	CI	30.8	86.0	93.0	95.8	58.6	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100-0	
• • •			• • • • • • •		• • • • • • •					•••••		• • • • • • •						٠.

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400 STATION NUPBER: 16453C STATION NAME: GELA ITALY

															11.		
	LIN6	• • • • • •	• • • • • •	•••••	• • • • • •	•••••	•••••	*******	7 TV TN	HUNDRED	5 OF ME	1506	•••••	• • • • • • •	•••••	•••••	•••••
		61	39	GΕ	6E	GΕ	GE	GT	. 117 179 38	GE	3 07 FE	6E	EE	GE	GE	68	GE
	ĒT İ	160	90	80	60	48	40	32	24	20	16	12	10	8	 5	0.4	, O
	-		_				_										
•••		• • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • •			• • • • • • •		•••••	•••••
MO	CEIL 1	28.4	67.7	71.4	12.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
***		4000	0	****		***		,,	, 40,	,,,,,	,,,,,						, , , , ,
GF	2000 C I	29. T	70.0	74 -1	75.4	75.8	77.8	77.8	77.8	77.8	77.8	77.8	71.8	77.8	77.6	77.8	77.8
	180001		70.0	74.1	75.4	75.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
	160001		70.0	74 .1	75.4	75 . 8	77.8	77.8		17.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
	190001		70.0	74.1	75.4	75 .8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.B	77.8	77.8
	120001		71.0	75.1	76.4	77.1	79.1	79.1	79.1	79.1	79.1	79.1	75.1	79.1	79.1	79.1	79.1
	,					••••					.,,.	,,,,,	. ,	.,,,			
GE	100004	32.7	79.8	84.5	86.2	£6.9	88.9	88.9	88.9	88.9	88.9	88.9	86.9	88.9	88.9	88.9	88.9
GE	900 C I		83.8	88-6	50.6	51.2	93.3	93.3	93.3	93.3	93.3	93.3	9 1 . 3	93.3	93.3	93.3	93.3
GE	80001		84.5	89.6	51.6	52.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GΕ	70001		84.5	89.6	51.6	52.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE	600C		84.5	89.6	51.6	52.3	94.3	94.3	94.3	94.3	94 . 3	94.3	94.3	94.3	94.3	94.3	94.3
GE	50001	38 - 3	85-2	90.2	52.3	52.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	450CI		85.2	90.2	52.3	52.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
65	400 C	34.3	85.2	90.2	92.3	52.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GF	350 C I	39.3	85.2	90.2	52.3	52.9	94.9	94.9	94.9	94.9	94.9	94.0	94.9	94.9	94.9	94.9	94.9
6Ē	300 C I	35.0	86.9	91.9	53.9	54 .6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96 • 6	96.6
														0			
GΕ	250 C	35.4	88.9	94.3	96.6	57.3	99.3	99.3	99.3	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.3
GE	200 C (35.4	89.6	94.9	57.3	58.0	106.0	100.0	100-0	100.0	100.0	100.0	100.0	100-0	100.0	160.0	100.0
GE	18001	35.4	89.6	94.9	97.3	58.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · p	100.0
6 E	15001	35.4	89.6	94.9	57.3	58 . D	106-0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	12001	35.4	89.6	94.9	57.3	58 .D	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
																_	
GE	10001		89.6	94.9	97.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
6E		35.4	89.6	94.9	97.3	58 . D	100.0	100.0	100-0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GΕ	8001	35.4	89-6	94.9	97.3	58 • D	10C-D	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ΘE	70 C I	35.4	89-6	94.9	57.3	58 -D	100.D	100.0	100-0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE	60 C I	25.4	89.6	94.9	57.3	58 • 0	100-0	100.0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0
GE		25.4	89.6	94.9	97.3	58 • O	100.0	100.0	100.0	100.0		100.0	106.0	100.0	100-0	100.0	100.0
GE		25.4	89.6	94.9	97.3	58 . D	100-0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0
GE		25.4	89.6	94.9	57.3	58.0	100-0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		35.4	89.6	94.9	57 - 3	58 • U	100.0	100.0	100.0	100.0	170.0		100.0	100.0	100.0	160.0	100.0
G€	1001	25.4	89.6	94.9	57.3	58 . ()	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	61	25.4	89.4	94.9	97. 3					100.0							
																	

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	TION N	IU MBER :	164530	STATI	ON NAME:	GELA	ITALY						OF REC					
												MONTH	: 007	HOURS	(CSTI:	1500-17	700	
CE	LING			•••••	•••••	• • • • • •	•••••	4 7 6 7 L 7 L		HUNDREDS			• • • • • • •	• • • • • • •	•••••	•••••	*********	•
	N I	61	65	GΕ	39	6E	Œ	GE		BE BE	GE TE	E IENS	••					
	ET I	160	90	80	60	48	40	32	24	20	16	12	€E 10	9C 9	GE 5	GE	66	
											10	12	10	3	,	•	O	
							•••••	•••••	••••	• • • • • • • • • • • • • • • • • • • •	••••	•••••	• • • • • • •	• • • • • •	•••••	•••••	• • • • • • • • • •	•
NO	CEIL I	26.6	65.4	67.5	69.2	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3	
GE	2000 01	28.3	69.2	72.7	74.5	15.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.3	
	1800C1		69.6	73.1	74 - 8	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	
6E	160001	28.3	69.6	73.1	74 . 6	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	
GE	140061	28.3	69.6	73.1	79 . 8	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	
GE	1200 C	28.7	71.0	74.5	76.2	17.3	78.7	78.7	78.7	78.7	78.7	79.7	76.7	79.0	79.0	79.0	79.0	
		-			•				- •••	,,,,,			,		. , , ,	17.0	7 7 60	
GE	100001	31.5	79.4	82.9	84 -6	25 - 7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4	87.4	
GE	90061	32.5	83.2	86.7	8.8	29.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	
6E	80001	32.9	83.6	87.1	89.2	50 .2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0	
6E	700 C	32.9	83.6	87.1	89.2	50.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0	
6E	600 61	32.9	83.6	87-1	89.2	50.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0	
								-						. 2		72.70	, , , , ,	
6E	500 C I		84.3	87.8	89.9	50.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7	
GE	450 C l	32.9	64.3	87.8	£9.9	50.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7	
CE		33.5	84.6	88.1	\$0.2	51.3	92.7	92.7	92.7	92.7	92.1	97.7	92.7	93.0	93.0	93.0	93.0	
GE		13.2	84.6	88.1	\$0.Z	51.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	
€E	30001	23.9	86.4	89.9	92 • 0	53-0	94.4	94.4	94.4	74.4	74.4	94.4	94.4	74.8	94.8	94 . 8	94.8	
																	. ,	
БE	250 C		90.2	93.7	\$6.2	57.2	98.6	98.6	98.6	98 - 6	98.6	97.6	98.6	99.0	99.0	99.0	99.D	
6E	20001		90.9	94.4	56.9	57.9	99.3	99.3	99.3	99.3	99.3	99.3	95.3	99.7	99.7	99.7	99.7	
GE	18001		90.9	94.4	\$6.9	57.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	
6E	150C		90.9	94.4	%.9	57.9	99.3	99.3	99.3	99.3	99.3	99.3	95.3	99.7	99.7	99.7	99.7	
6E	15001	35.0	90.9	94.4	\$6.9	58.3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100.0	100.0	100.0	
GΕ	100 C l	25.n	90.9	94.4	\$6.9	58.3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100.0	100.0	100 0	
GE		35.0	90.9	94.4	\$6.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100.0	100.0	100.0 100.0	
GE	1208		90.9	94.4	\$6.9	58 . 3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0			-	
GE		35.0	96.9	94.4	96.9	58 • 3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100.0	100.0	100.0	
GE		15.0	90.9	94.4	\$6.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100.0	160.0	100.0 100.0	
							, , ,		,,,,,	,,	,,,,,	,,,,,	* * * *	*00 *0	100.0	100.0	100.0	
GE		25.0	90.9	74.4	\$6.9	58 . Z	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	170.0	100.0	100.0	
6E	400		90.9	94 .4	96.9	98 - 3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	
6E		35.0	90.9	74.4	\$6 - 9	58 • 3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	
GE		35.0	98.9	94.4	\$6.9	58.3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100.0	100.0	100.0	
ěE	1001	35-0	90.9	94.4	96.9	58.3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100-0	100.0	100.0	
GE		35.0	90.9	74.4	\$6.9	58 . 3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	100.0	100.0	100.0	100.0	
•••	• • • • • • •	• •••••								*******								

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-					ON NAME:	-							OF REC	HOURS		1800-24	00
	LING	••••••	• • • • • • •	• • • • • •	• • • • • • •	• •• • • •	•••••			HUNDRED		TERS	•••••	• • • • • • •	•••••	• • • • • •	•••••••
1	N E T	61 160	6E 90	GE 80	GE 60	GE 48	6E 40	GE 32	GE 24	6€ 2□	GE 16	GE 12	EE 10	GE 8	GE 5	GE 4	G F D
NO	CEIL	20.3	60.3	63.7	66.1	66. 4	67.8	67.8	68-1	68.1	68.1	68.1	68.1	68•1	68.1	68.1	68.1
GE	18006	21.0 21.0 21.0	63.1 63.1 63.1	67.1 67.1 67.1	69.8 69.8 69.8	10 • 2 70 • 2 70 • 2	71.5 71.5 71.5	71.5 71.5 71.5	71.9 71.9 71.9	71.9 71.9 71.9	71.9 71.9 71.9	71.9 71.9 71.9	71.9 71.9 71.9	71.9 71.9 71.9	71.9 71.9 71.9	71.9 71.9 71.9	71.9 71.9 71.9
GE	1400 C	21.0	63.4	67.5	70.2 71.5	70.5	71.9 73.2	71.9 73.2	72.2 73.9	72.2 73.9	72.2 73.9	72.2 73.9	72.2	72.2 73.9	72.2	72 • 2 73 • 9	72.2 73.9
38 38 38	900 E	24.1 25.8 25.8	74.2 79.7 80.3	78.6 84.7 85.4	81 - 7 88 - 1 88 - 8	82 .4 88 .8 89 .5	83.7 90.5 91.2	83.7 90.5 91.2	84.4 91.5 92.2	84.4 91.5 92.2	84.4 91.5 92.2	84.4 91.5 92.2	84.4 91.5 92.2	84.4 91.5 92.2	84.4 91.5 92.2	84 .4 91 . 5 92 . 2	84.4 91.5 92.2
GE		1 25.8 1 25.8	80.3 80.3	85.4 85.4	88 · 8 58 · 8	89.5 89.5	91.2 91.2	91.2 91.2	92.2	92 • 2 92 • 2	92.2	92.2 92.2	92.2	92.2	92•2 92•2	92 • 2 92 • 2	92.2 92.2
GE GE	4500 4000	25.8 25.8 25.8	81.7 81.7 81.7	86.8 86.8	90 • 2 90 • 2 90 • 2	90 .8 90 .8 90 .8	92.5 92.5 92.5	92.5 92.5 92.5	93.6 93.6 93.6	93.6 93.6 93.6	93.6 93.6 93.6	93.6 93.6 93.6	91.6 91.6 91.6	93.6 93.6 93.6	93.6 93.6 93.6	93.6 93.6 93.6	93.6 93.6 93.6
6E 6E	300 C	25.8 25.8	81.7	86.8	50 • 2 52 • 5	93.2	92.5	92.5	93.6	93.6	93.6 95.9	93.6 95.9	91.6	93.6	93.6 95.9	93.6 95.9	93.6 95.9
56 56 68 68	2000 1800	25.8 25.8 25.8 45.8	85.4 85.8 85.8	91.2 91.9 91.9	95.3 96.3 96.3 96.3	95.9 97.3 97.3	97.6 99.0 99.0	97.6 99.0 99.0	98.6 100.0 100.0	98.6 100.0 100.0	98.6 100.0 100.0	98.6 100.0 100.0	98.6 100.0 100.0	98.6 100.0 100.0	98.6 170.0 188.0	98.6 100.0 100.0	98.6 100.0 100.0 100.0
GE GE	120C	25.8 1 25.8	85.8	91.9	96.3	\$7.3 \$7.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96 39	90 G 80 C	25.8 25.8 25.8	85.8 85.8	91.9 91.9 91.9	96 • 3 96 • 3 96 • 3	57.3 57.3 57.3	99.0 99.0 99.0	99.0 99.0 99.0	100.0 100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0	100.0 100.0
GE G€	50 C	1 25.8 1 25.8	85.8 95.8	91.9	96.3	57.3 57.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
9E 9E	30 C	i 25.8 25.8 25.8	85.8 85.8	91.9 91.9 91.9	56.3 56.3	57.3 57.3	99.0 99.0	99.0	100.0 100.0	100.0 100.0 100.0	100.0 100.0	100.0 100.0	10C.0 10C.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0 100.0
39 38		25.8	85.8 95.8	91.9	56.3 56.3	57.3 57.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF CREENVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

_				164530				-					MONTH	: OCT		fLST1:		
			• • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••							• • • • • • •	• • • • • • •	•••••	• • • • • •	••••
	IL IN In		GT	38	Ğξ	GE	GE	EE	VISIBIL:	EE 114 14	HUNDKED: GE	6E	GE	EΕ	GE	G€	GE	G E
	EET		160	90	60	60	48	40	32	24	20	16	12	10		5	36	G
					_				•••••	• • • • • •								
NO	CEI		40.2	69.2	73.3	75 . 2	75.2	76.3	76.3	78.2	78.2	78.2	78.2	78.2	78.6	78.6	78.6	78.6
		_																
			41.D	70.3	74 .4	76 - 3	76.3	77.4	77.4	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
			41.0	70.3	74 -4	76 • 3	76 . 3	77.4	77.4	79.3	79.3	79.3	79.3	75.3	79.7	79.7	79.7	79.7
			41.0	70.3	74 44	76.3	16.3	77.4	77.4	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
			41.0	70.3	74 .4	76 - 3	76 . 3	77.4	77.4	79.3	79.3	79.3	79.3	75.3	79.7	19.7	79.7	79.7
GE	120	000	41.0	70.7	74.8	76 • 7	76.7	77.8	77.8	79.7	79.7	79.7	79.7	75.7	80.1	80.1	80 • 1	80.1
GF	1 00	nei	41.7	77.8	82.0	83 +8	8.83	85. D	85.0	86.8	86.8	86.8	86.6	86.8	87.2	87.2	87.2	87.2
68			42.5	81.6	86.1	88.3	88.3	89.5	89.5	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7
6E			43.6	82.7	87.2	E9.5	£9.5	94.6	90.6	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9
6€			43.6	82.7	87.2	89.5	E9 .5	90.6	90.6	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9
GΕ	66	100	43.6	82.7	87.2	29.5	£9.5	96-6	90.6	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9
	_																	
6E			43.6	83.1	87.6	89.8	e9 . 8	91.0	91.0	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE			43.6	83.1	87.6	69.8	8. 63	91.0	91.0	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE			43.6	83.1	87.6	89.8	8. 63	91.0	91.0	92.9	92.9	92 • 9	92.9	92.9	93.2	93.2	93.2	93.2
6Ē			43.6	83.1	87.6	89.8	69.8	91.0	91.0	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE	30	10 C I	44.7	85.7	90 •2	\$2.5	92.5	94.0	94.0	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2
GE	25		45.9	87.2	91.7	94 . C		95.9	95.9	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1
6E			46.2	88.3	93.2	55.5	54.4 95.9	97.4	97.4	99.2	99.2	99.2	99.2	99.2	99.6	44.1	99.6	99.6
GE			46.2	88.3	93.2	55.5	95.9	97.4	97.4	99.2	99.2	99.2	99.2	95.2	99.6	99.6	99.6	99.6
GĒ			46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.6	95.6	100.0	100.0	100.0	100.0
GE			46.2	88.3	93.2	55.5	55.9	97.4	97.4	99.2	99.2	99.2	99.6	95.6	100.0	100.0	100.0	100.0
	-					,										•		- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0
GΕ	10	1001	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	90.6	95.6	100.0	100.0	100.0	100.0
6E	9	130	46.2	98.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0
G€		100	46.2	88.3	93.2	55.5	55.9	97.4	97.4	99.2	99.2	99.2	99.6	95.6	100.0	100.0	100.0	100.0
6€			46.2	88.3	93.2	55.5	55.9	97.4	97.4	99.2	99.2	99.2	99.5	95.6	100.0	100.0	100.0	100.0
39	•	000	46.2	88.3	93,2	95.5	55 o 9	97.4	97.4	99.2	99.2	99.2	99.6	95.6	100.0	100.0	100.0	100.0
SE			46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	90.6	95.6	100.0	100.0	100.0	100.0
GE GE			46.2	88.3	93.2	95.5	55.9	97.4	97.4	99.2	99.2	99.2	99.6	95.6	100.0	170.0	100.0	100.0
GE			46.2 46.2	88.3 88.3	93.2	95.5 Fa. c	55.9	97.4	97.4	99.2	99.2	99.2	99.5	95.6	100.0	100.0	100.0	100.0
GE			46.2	88.3	93.2	95 • 5 95 • 5	55 • 9 55 • 9	97.4 97.4	97.4 97.4	99.2 99.2	99 <i>•2</i> 99•2	99.2 99.2	99.6 99.6	95.6	100.0	100.0	100.0	100.0 100.0
O.C.	•		7086	0003	42	,,,,	,,,,,	7 1 6 4	71.4	4 4 · 5	7702	7702	77.0	7 7 6 0	• 00 • 0	100.0		100 10
GE		61	46.2	88.3	93.2	95.5	95.9	97.4	97.4	99.2	99.2	99.2	99.6	96.4	100-0	100.0	100.0	100.0
_					•••••			*****										

PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY COSERVATIONS

STA	TION	NU FBER :	164530	5 1 AT 1	ON NAME:	GELA	1TALY					HONTH	: 061		(LŠTI:	ALL	
	LING	••••••	• • • • • • • •	•••••	•••••	• • • • • •	•••••			HUNDRED			•••••	• • • • • • •	•••••	• • • • • • •	*
	N	1 61	6E	GE	33	6 E	GE	GE	GE	GE	GE	GE	€£	66	GE	GE	GE
FÉ		160	90	60	60	48	98	32	24	20	16	12	10	8	5		٥
													••••	•			_
															••••		
NO	CEIL	28.2	66.1	69.6	71.9	72 . 6	73.8	73.8	74.4	79.4	74.5	74.7	74.7	74.7	74.9	74.9	75.0
6E	2 000 C	28.9	68.2	72.1	74 . 4	75.3	76.5	76.5	77.1	77.1	77.3	77.4	77.4	77.5	77.6	77.6	17.7
GΕ	1 000 C	28.9	60.3	72.1	74.5	75.3	76.5	76.5	77.2	77.2	77.3	77.4	77.4	77.5	77.7	77.7	77.8
GE	16000	1 28.9	68.3	72.1	74.5	75.3	76.5	76.5	77.2	77.2	77.3	77.4	77.4	77.5	77.7	77.7	77.8
		28.9	68.4	72.2	74 . 6	75 .4	76.6	76.6	77.3	77.3	77.4	77.5	77.5	77.6	77.8	77.8	77,8
6Ē	1 500 C	1 29.2	69.2	73-1	75.4	16.3	77.6	77.6	78.2	78.2	78.4	78.5	78.5	78.6	78.7	78.7	78.8
GE	1 000 C	1 21.0	76.D	80.2	82.7	23.7	84.9	84.9	85.6	85.6	P5.8	85.9	85.9	86.0	86.1	86.1	86.2
GE	9000	22.3	80.9	85.3	88.1	89.0	96.4	90.4	91.1	91.1	91.3	91.4	91.4	91.5	91.6	91.6	91.7
GE	SCO C	12.6	81.4	86 .D	68.7	29.7	91.1	91.1	91.8	91.5	91.9	92.0	92.0	92-1	92.3	92.3	92.4
6Ē	700 C	12.6	81.4	86.0	98.7	89.7	91-1	91.1	91.8	91.5	91.9	97.0	92.0	92.1	92.3	92.3	92.4
ĢΕ	600 C	12.6	81.4	86.0	88.7	89.7	91.1	91-1	91-8	91.8	91.9	92.0	92.0	92.1	92.3	92.3	92.4
GE		1 32.6	82.2	86.7	89.5	50.4	91-8	91.8	92.5	92.5	92.7	92.8	92.8	92.9	93.0	93.0	93.1
6E		12.6	82.2	86.7	e9. 5	50.4	91.8	91.8	92.5	92.5	92.7	92.8	92.8	92.9	93.0	93.0	93.1
GE		22.7	92.3	86.8	89 - 6	50 · 5	91.9	91.9	92.6	92.6	92.8	92.9	92.9	93.0	93.1	93.1	93.2
GE		32.7	82.4	86.9	£9. 7	90.6	92.0	92.0	92.7	92.7	92.9	93.0	91.0	93.1	93.2	93.2	93.3
GE	300 C	1 23.4	84.4	88.9	91.9	52.9	94.4	94.4	95.1	95.1	95.3	95.4	75.4	95.5	95.6	95.6	95.7
GE	2500	33.8	86.4	91.3	54.3	55.4	97.0	97.0	97.8	97.8	97.9	98.0	98.0	98.1	98.2	98.2	98.3
G€		34.3	87.5	92.5	55.6	56.7	98.3	98.3	99.1	99.1	99.3	99.4	95.5	99.6	99.7	99.7	99.8
GE		34.3	87.5	92.5	55.6	96.7	98.3	98.3	99.1	99.1	99.3	99.4	95.5	99.6	99.7	99.7	99.8
GE	150 C	24.3	87.5	92.5	55.6	56.7	98.4	98.4	99.1	99.2	99.3	99.5	95.6	99.6	99.8	99.8	99.9
GE	120 C	24.3	87.5	92.5	55.6	56.8	98.4	98.4	99.2	99.2	99.4	99.6	95.6	99.7	99.8	99.8	99.9
6E	1000	34.3	87.5	92.5	95 . 6	56.8	98.5	98.5	99.2	99.3	99.4	99.6	95.6	99.7	99.9	99.9	100.0
GE		34.3	37.5	92.5	95.6	56.8	98.5	98.5	99.2	99.3	99.4	99.6	95.6	99.7	99.9	99.9	100.0
GĒ		1 34.3	87.5	92.5	55.6	56 .8	98.5	98.5	99.2	99.3	77.4	99.6	95.6	99.7	99.9	99.9	100.0
GE	70 C	34.3	87.5	92.5	55.6	56.8	98.5	98.5	99.2	99.3	99.4	99.6	95.6	99.7	99.9	99.9	100.0
€	606	34.3	87.5	92.5	95.6	8. 62	98.5	98.5	99.2	99.3	99.4	99.6	95.6	99.7	99.9	99.9	100.0
GE		24.3	87.5	92.5	55 - 6	56 .8	98.5	98.5	99.2	99.3	99.9	99.6	95.6	99.7	99.9	99.9	100.0
GE		34.3	87.5	92.5	55.6	56.8	98.5	98.5	99.2	99.3	99.4	99.6	95.6	99.7	99.9	99.9	100.0
6€		34.3	87.5	92.5	95.6	56.8	98.5	98.5	99.2	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0
6E		34.3	87.5	92.5	55 . 6	56 .8	98.5	98.5	99.2	99.3	99.4	99.6	95.6	99.7	99.9	99.9	100.0
GE	10 C	1 39.3	87.5	92.5	55.6	56.8	98.5	98.5	99.2	99.3	99.4	99.6	95.6	99.7	99.9	99.9	100.0
39	ť	24.3	87.6	92.6	\$5.7	56.9	98.5	98.5	99.3	99.3	9.5	99.6	95.7	99.8	99.9	99.9	100 +0

GLOBAL CLIPATOLOGY BRANCH USAFETA C

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY PERIOD OF RECORD: 77-86 MONTH: NCV HOURS(LST): 0000-0200 # VISIBILITY IN MUNDREDS OF METERS CE IL ING Œ 6E 6E 32 6E 6E 20 ĢĒ FEET 90 40 16 1 160 80 60 48 12 10 8 5 3 NO CEIL | 30.3 69.7 64.3 68 - 1 £8.9 69.7 69.7 70.6 70.6 70.6 70.6 73.6 71.0 70.6 70.6 GE 200001 30-3 67.2 69.7 70.6 70.6 70.6 71.4 71.8 65.1 68.9 71.4 71-4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 1600C| 30.3 1600C| 30.3 1400C| 30.3 71.4 71.4 71.4 67.2 71.4 71.4 45.1 68.9 **69.7** 70.6 70.6 70.6 73.4 71.4 71.4 71.8 65.1 67.2 68.9 69.7 69.7 70.6 70.6 70.6 71.4 71.4 71.4 71.4 70.6 45.1 70.6 71.0 71.0 GE 1000C1 33-2 74.8 76.9 78.6 79.4 60.3 80.3 80.3 81.1 81.1 81.1 81.5 81.5 R1.5 61.5 81.9 83.2 83.2 83.2 25.7 25.7 25.7 87.8 87.8 87.8 900E 34.9 81.1 84.9 84.9 86.6 86.6 86.6 87.4 87.4 87.4 87.8 87.8 87.8 67.8 88.2 88.2 GE 87.4 87.8 67.8 700 C 30.9 81.1 24.9 86.6 86.6 86.6 47.4 R7.4 87.8 98.2 60001 34.9 65.7 6E 86.6 86 .6 87.4 87.8 87.8 88.2 16.6 47.4 87.2 6E 500 Ct 34.4 81.1 83.2 24.9 £5.7 86.6 86.6 86.6 47.4 87.4 87.4 87.4 R 7 . 8 87.8 87.8 67.8 8 a . 2 81.1 83.2 64 . 9 84 . 9 85.7 85.7 450C| 34.9 86.6 86.6 86-6 87.4 87.8 87.8 87.8 88.2 *DOC 34.9 GE 86.6 86.6 86.6 87.4 87.4 87.4 67.6 67.6 e7.8 87.8 GE GE 35001 35.3 85.3 67.8 88.2 81.5 83.6 89.2 88.2 88.2 26.1 87.6 300 C1 26-1 69.1 90.3 90.3 90 . 3 90.8 85.7 89.9 89.9 88.7 93.7 90 - 8 96 , 2 96 - 2 6E 25001 91.6 92.4 92.4 92.4 GE 200 Cl 37.0 97.9 97.9 97.9 99.2 57.1 98.7 98.7 98.7 95.2 99.2 90.2 4. 9 4 6E 180C1 37.0 93.7 57.1 98.7 95.2 99.2 99.2 99.6 98 • 7 **99 •** 2 98.7 15001 27.0 12001 37.0 89.9 56.6 57.5 17.5 94.3 100.0 98.3 99.6 99.6 100.0 57.5 57.5 57.5 GE 100CL 17.0 89.9 98.1 99.2 93.7 56 . 6 98.3 98.3 99.7 99.2 99.6 99.6 99.6 99.6 100.0 99.2 99.6 89.9 93.7 56.6 56.6 98.3 96.3 98.3 98.3 99.6 GE 90C1 37-0 80C1 27-0 99.2 99.2 99.2 95.6 95.6 99.6 99.6 98.3 100.0 99.2 100.0 6E 70 C| 17.0 60 E| 27.0 96.6 57.5 98.3 99.2 99.6 69.9 93.7 98.3 98.3 99.2 99.2 99.6 99.6 100.0 100.0 6E 5uCl 37.0 57.5 100.0 89.9 93.7 96.6 98.3 98.3 99.2 99.2 99.2 99.6 99.6 99.6 99.6 98.3 GE GE 40C1 27.0 30C1 27.0 89.9 93.7 96.6 57.5 57.5 98.3 98.3 98.3 98.3 99.2 99.2 99.2 95.6 99.6 99.6 99.6 99.6 100.0 99.2 GE 2001 27.0 1001 37.0 93.7 96.6 96.6 57.5 99.6

90.3

98.3

98.3

99.2

99.2

99.2

99.7

99.6

95.6

99.6

99.6

C7 -S

57.5

\$6.6

98.3

98. 3

98.3

98.3

99.6

90.4

99.6

99.6

99.6

99.6

100.0

100-0

100.0

TOTAL NUMBER OF DESERVATIONS: 23 A

c1 27.0

89.9

89.9

93.7

GE

GΕ

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	ATION	ML	PBER:	164530	STATE	SHAN AD	6EL A	ITALY						OF REC				
													MONTH	. MCA	HOURS	(LST):	300-05	00
	IL ING	•••	•••••	•••••	•••••	• • • • • • • • •	• • • • •	•••••			HUNDRED			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••
	IN	ı	61	6E	GE	39	38	Œ	et	GE .	6E	6E	6E	EE	6€	Gf	GE	CE
F	EE I	ĺ	160	98	80	60	48	4 g	32	24	20	16	12	10	8	5	4	0
••	••••	•••	•••••		• • • • • •	• • • • • • • •	• • • • •	•••••	• • • • • • •	• • • • • • •		• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
MO	CEIL	•	29.8	68.1	68.7	69.7	49.7	71.0	71.0	71-4	71.4	71.0	72.3	72.3	72.3	72.7	72.7	72.7
								_										
	2000	- :		68.9	69.7	70.6	10.6	71.8	71.0	72.3	72.3	12.7	73.1	73.1	73 - 1	73.5	73.5	73.5
	1800		29.8	68.9	69.7	70.6	70 .6	71.4	71.8	72.3	72.3	72.7	73.1	73.1	73.1	73.5	73.5	73.5
	1400		29.8 29.8	68.9	69.7	70.6	70.6	71.8	71.0	72.3	12.3	72.7	73.1	73.1	73.1	73.5	73.5	73.5
	1200			68.9 68.9	69.7 69.7	70.6 70.6	30.6	71.8 71.8	71 - 6 71 - 6	72.3 72.3	72.3	72.7	73.1 73.1	73.1	73.1 73.1	73.5 73.5	73.5 73.5	73.5
ĐE	1200		27.8	00.7	07.1	10.0	*****	, 1	71.0	72.3	72.3	72.7	73.1	7 2 - 1	73.1	13.3	7343	73.5
GE	1000	ci	22.4	74.4	75.2	76.1	76.1	77.3	77.3	77.7	77.7	78.2	78.6	78.6	78.4	79.0	79.0	79.0
GΕ	900	C I	33.2	79.0	79.8	81 - 1	41.1	82.4	62.4	82.8	82.6	83.2	83.6	A 2. 6	83.4	P4.0	84.0	84.0
6 E	800	C۱	23.6	79.8	88.7	£1.9	41.9	83.2	83.2	83.6	83.6	84.0	84.5	84.5	84.5	84.9	84.9	84.9
ΘE	700	c۱	23.6	79.8	80.7	61.7	11.7	83.2	83.2	8 3. 4	83.6	84.0	64.5	84.5	84.5	84.9	84.9	8 4 . 9
GE	600	c 1	23.6	79.8	8 D .7	81.9	41.7	8 3 • 5	83.2	63.6	83.6	84.0	84.5	84.5	84.5	84.9	64.9	84.9
68	500	c i	33-6	79.8	80.7	61.9	11.9	83.2	83.2	8 3. 6	83.6	84.0	84.5	84.5	84.5	84.9	54.9	# 4 .9
GE			33.6	79.8	80.7	11.9	11.9	83.2	83.2	8 3 . 6	63.6	84.0	84.5	84.5	84.5	84.9	84.9	84.9
6E	400	Cl	23.6	80.3	81.1	82.4	42.4	B 3. 6	83.6	84.0	84.0	84.5	84.7	84.9	84.7	#5.3	85.3	85.3
G€	350	Ci	23.6	80.3	81.1	£2.4	22.4	83.6	83.6	84.0	84.0	84.5	84.9	84.9	54.9	85.3	85.3	85.3
6 E	300	C į	34.9	81.9	82.8	e• •0	84 - 0	85.3	85.3	85.7	65.7	86.1	86.6	86.6	16.6	*7.0	87.0	87.O
GE	250	C E	26.6	86.6	88.7	90 - 8	\$0.8	92.0	92.0	92.4	92.4	92.9	93.3	93.3	93.3	93.7	93.7	93.7
ĢE	200	C I	27.0	91.2	93.3	95.8	85.8	97.1	97.1	97.5	97.5	97.9	98.3	96.3	98.3	98.7	98.7	98.7
GE			37.0	91.2	93.3	55 . B	55 .8	97.1	97.1	97,5	97.5	47.9	98.3	98.3	98.3	98.7	98.7	98.7
GE	150	C I	37.4	91.6	93.7	96.2	36 -2	97.5	97.5	97.9	97.9	78.3	98.7	98.7	98.7	99.2	99.2	99.2
GE	170	10	37.4	91.6	93.7	96 • 2	16 .6	97.9	97.9	98.3	98.3	78.7	99.2	95.2	99.2	99.6	99.6	99.6
5 E			27.4	91.6	93.7	56.2	56.6	97.9	97.9	98.3	98.3	98.7	99.2	95.2	99.2	99.6	99.6	99.6
GΕ			37.4	91.6	93.7	96 • Z	56.6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
ΘE			37.4	91.6	93.7	96.2	56.6	97.9	97.9	98.3	98.3	98.7	99.2	95.2	99.2	99.6	99.6	99.6
GE			37.4	91.6	93.7	56 • 2	56.6	97.9	97.9	98.3	98.3	98.7	99.2	95.2	99.2	99.6	49.6	99.6
GΕ	60	Cl	27.4	91.6	93.7	84.2	56 .6	97.9	97.9	98.3	98.3	98.7	99.2	95-2	99.2	99.6	99.6	79,6
GE			27.4	91.6	93.7	96.2	56.6	97.9	97.9	9 8. 3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
Ğξ			37.4	91.6	93.7	\$6.2	56.6	77.9	97.9	98.3	98.3	98.7	99.2	95.2	99.2	99.6	99.6	99.6
G€			37.4	91.6	93.7	96.2	56 .6	97.9	97.9	98.3	98.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6
GE			37.4	91.6	93.7	\$6.2	56 .6	97.9	97.9	98.3	98.3	98.7	99.2	95.2	99 • Z	99.6	99.6	99.6
GE	10	cı	27.4	91.6	93.7	\$6.2	36 .6	97-9	97.9	70.3	98.3	98.7	99.2	95.2	99.2	99.6	99.6	100.0
G€		C į	37.4	91.6	93.7	96.2	96 . 6	97.9	97.9	98.3	98.3	98.7	99.2	95.2	99.2	99.6	99.6	100.0
••		•••																

PENCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

51/	AT ION	NU	PBER 1	16453C	STATE	ON NAME:	SELA	ITALY							ORO: 77			
													HONTH			(LST): (-
CE	IL ING	•••	•••••	• • • • • • •	•••••	••••••	• • • • • •	•••••	1141214	7 7 TW	HUNDREDS	S OF ME	•'• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
	IN	1	61	GE	6 E	GE	GE	GE	66	6E	SE	GE	GE	33	6E	GE	GE	GE
	EET	i	160	90	80	60	48	40	32	24	20	16	12	10	В	· ` ` 5		σ
			****		••••	• • • • • • •				• • • • • •					• • • • • • •	• • • • • •		
																	• • • • •	
NO	CEIL	. !	12.6	59.5	61.3	62.8	63.2	65.1	65-1	65.1	65.1	65.4	65.4	65.4	65.4	65.8	66.5	66.9
G€	2000	130	12.6	60.6	62.5	63.9	69 . 3	66.2	66.2	66.2	66.7	66.5	66.5	66.5	66.5	66.9	67.7	68.0
G€	1400	lC#	12.6	60-6	62.5	63.9	e4 . 3	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.9	67.7	6 B .D
6€	1600	ICI	12.6	60.6	62.5	63.9	64 . 3	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.9	67.7	68.0
	1400			60.6	62.5	63.9	£4.3	66.5	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.9	67.7	68.0
GE	1 500	ICI	12.6	61.7	63.6	65.1	£5.4	67.3	67.3	67.3	67.3	67.7	67.7	67.7	67.7	68.0	68.8	69.1
6E	1000	136	13.4	68.4	70.6	72.1	72.5	74.3	74.3	74.3	74.3	74.7	75.1	75.1	75.1	75.5	76.2	76.6
GE	900	101	14.1	72.9	75.5	17.0	77.3	79.2	79.2	79.6	79.6	79.9	60.3	80.3	80.3	80.7	61.4	61.8
GE	800	l D	14.1	73.6	76.2	77.7	78.1	79.9	79.9	80.3	80.3	80.7	81-0	81.0	81.0	61.4	82.2	e 2 . 5
G€	107	t 3 c	14.1	73.6	76.2	77.7	76 . 1	79.9	79.9	80.3	60.3	80.7	81.0	81.0	81.0	P1.4	87.2	82.5
6E	600	CI	14.5	74.0	76 .6	78 . 1	18.4	80.3	80.3	80.7	80.7	81.0	81.4	81.4	81-4	A1.6	82.5	82.9
GE	500	10	14.5	75.5	78.1	79.6	19.9	81.6	81.8	82.2	82.2	82.5	87.9	B2.9	82.9	83.3	84.0	84.4
GE	450	(3)	14.5	75.5	78.1	79 . 6	79.9	81.6	81.8	82.2	82.2	82.5	82.9	82.9	82.9	93.3	84.0	84.4
GE	400	101	14.5	75.5	78.1	79.6	79.9	81.8	81.8	82.2	W2.2	82.5	82.9	82.9	82.9	93.3	64.0	B 4 .4
G€			14.5	75.8	78.4	79.9	eo . 3	62.2	82.2	82.5	42.5	62.9	63.3	81.3	83.3	83.6	64.4	8.49
ΘE	300	61	14.9	77.8	79.6	81.0	es .4	83.6	83.6	84.0	84.0	84.4	84.8	84.8	84.8	85-1	85.9	86.5
6E	250	101	15.2	82.9	86-6	e9 • 2	29.6	92.2	92.2	92.6	92.6	92.9	93.5	9 2 . 3	93.3	93.7	94.4	94.6
GE			15.2	86.6	91.1	94 - 1	54 .4	97.D	97.0	97.4	97.4	97.8	98.1	96.1	98.1	96.5	99.3	99.6
GΕ	100	13	15.2	86.6	91.1	54 - 1	54 .4	97.0	97.D	97.4	97.4	97.8	98.1	98.1	96 - 1	98.5	99.3	99.6
GE	150	131	15.2	87.0	91.4	54.4	54 .8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
Œ	120	CI	15.2	87.0	91.4	54 . 4	54 .8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
6E	100	61	15.2	87.0	91.4	54.4	54 .8	97.4	97.4	97.8	97.8	98.1	98.5	96.5	98.5	98.9	99.6	100.0
GE	90	136	15.2	87.0	91.4	54.4	59 .8	97.4	97.4	97.8	97-8	98 - 1	98.5	98.5	98.5	98.9	99.6	100-0
G E	86	Cl	15.2	87.0	91.4	54 . 4	54 . 8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
33			15-2	87.0	91.4	54 . 4	54 . B	97.4	97.4	97.8	97.8	98 - 1	98.5	98.5	98.5	98.9	99.6	100.0
GE	60	130	15.2	87.0	91.4	54.4	54 •8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE			15.2	87.0	91.4	54.4	54.8	97.4	97.4	97.8	97.8	96.1	98.5	98.5	98.5	98.9	99.6	100.0
6E			15.2	87.0	91.4	54.4	54 .8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
GE			15.2	87.0	91.4	54.4	54 . 8	97.4	97.4	97.8	97.8	98 . I	98.5	96.5	98.5	98.9	59.6	100.0
GE	20	CI	15.2	87.0	91-4	50.4	54 . 8	97. 9	97.4	97.8	97.8	96.1	98.5	98.5	98.5	98.9	99.6	106.0
GE	10	101	15.2	87.0	91.4	54.4	54 .8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	49.6	100.0
GE		Ci	15.2	87.0	91.4	54.4	54 .8	97.4	97.4	97.8	97.8	98.1	98.5	98.5	98.5	98.9	99.6	100.0
••	••••																	

TOTAL NUMBER OF CREEKVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION	NU	18ER :	164530	STATI	ON NAME:	GELA	ITALY						OF REC				
													MONTH			CLSTI:	0900-11	CO
	LING	•••	•••••	• • • • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	VISIBIL	 	MINN DE D		1505	• • • • • • •	• • • • • • •	•••••	• • • • • • •	**********
	N	ı	Ta	GΕ	GE	GF	GE	GE.	66	6E	GE	GE	GE	EE	GE	GF	GE	GE
	ET	i	160	90	80	60	48	40	32	24	20	16	12	3.0	8	5		0
•••		•••	••••		••••	• • • • • • • •		•••••	•••••	• • • • • •			• • • • • •	• • • • • • •			• • • • • •	
	CEIL			60.4	61.9		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3			63.7
NU	CEIL	٠	21.7	50.7	61.47	63.3	63.3	63.3	63.43	B 3 • 3	03.0	63.3	03.03	0:.3	63.3	63.7	63.7	63.7
	2000			64.0	65.5	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6
	1900		23.0	64.4	65.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68 •D
	1000			64.4	65.8	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.B	68.0	68.0
	1400			64.4	65.8	67.3	£7.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	60.0	68.0
GĒ	1 200	CI	23.0	64.7	66.2	67.6	68.0	68.0	68.0	68.8	68.0	68.0	68.0	68.0	68.0	68,3	68.3	68.3
GΕ	1000	c ł	26.3	72.7	74.8	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.0	77.0	77.0
6Ē	900	c i	27.7	78.8	&O .9	22.4	22.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.1	83.1	63.1
GE	SDD I	C J	28.1	79.9	82.0	83.5	83.8	83.8	83.8	83.8	83.8	83.8	87.8	6 1 . 8	83.8	84.2	84.2	84.2
38	700	cl	28.1	79.9	8 2 .B	83.5	83.8	83.8	83.8	8 3 . 8	43.8	83.8	83.8	8 3 . 8	83.8	84.2	84.2	84.2
GE	600	C I	28-1	79.9	42.0	83.5	83.8	83.8	63.8	8 3 - 8	83.8	83.8	83.8	83.6	83.8	P4.2	84.2	B 4 • 2
G€	500	r t	28 - 1	80.9	03.1	84.5	£4.9	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	95.3	85.3	85.3
G€			28.1	80.9	83.1	4.5	64.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3
6E			18.1	80.9	83.1	64.5	29.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	65.3	85.3
GE			28.1	80.9	83.1	84.5	24.9	84. 9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3
úĒ			28.4	84.2	86.3	87.8	28.1	88.1	88.1	88.1	88.1	88.1	89.1	88.1	88.1	P8.5	88.5	88.5
GE	250	- 1		•••		0		•••	91.4	91.4								
			28.4	87.1	89.Z	\$1.0	51 -4	91.4		-	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7
GE			29.1	92.4	95.3	97.8	58 .2	98.6	98.6	98.6	98 -6	98.6	98.6	98.6	98.6	98.9	98.9	98.9
GE GE			29.1 29.5	93.2 93.5	96.0 96.4	98.6 98.9	58.9 59.3	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3	99.3	95.3	99.3	99.6	99.6 100.0	99.6 100.0
GE			29.5	93.5	96.4	98.9	59.3	99.6	99.6	99.6	99.6	99.6 99.6	99.6 99.6	99.6 95.6	99.6	170.0	-	100.0
O.C.	150		2705	43.3	70 64	76 • 7	77.3	77.0	77.0	7740	77.0	77.0	77.0	77.0	77.0	100.0	100.0	100.0
GE			29.5	93.5	96.4	96.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE			29.5	93.5	96.4	58.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE			29.5	93.5	96.4	58.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100.0
GE			29.5	93.5	76.4	98.9	59 • 3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100.0
6 E	60	C 3	29.5	93.5	96.4	58.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100.0
GE	50	c I	29.5	93.5	96.4	\$8.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100.0
GE	40	C į	29.5	93.5	96.4	58 - 9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
GE	30	C [29.5	93.5	96.4	58.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100.0
GE	20	ςĹ	29.5	93.5	96.4	58.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100.0
GE	10	C I	29.5	93.5	96.4	58.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100.0
6E		r۱	29.5	93.5	96.4	58.9	59.3	99.6	99.6	99.6	99.6	99.6	99.6	95.6	99.6	100.0	100.0	100-0
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GLOBAL CLIPATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

AIR WEATHER SERVICE/MAC

STATION NUMBER: 16453C STATION HAME: GELA ITALY

MONTH: NCV HOURS(LST): 1200-1400 VISIBILITY IN MUNDREDS OF METERS CE IL ING | GI 6E å0 e€ 6 E 6£ 6E 48 6£ 32 Œ GE GE GE EΕ GE Gξ 5 G E FEET 50 60 40 24 20 16 12 10 NO CEIL | 25.4 57.6 58.3 58.3 19.0 59.4 59.4 59.4 59.4 59.4 59.4 55.4 59.4 59.4 GE 200001 26.9 64.0 66.1 66.1 64.7 64.7 64.7 GE 1800 C1 26.9 GE 1600 C1 26.9 64.0 64 . 7 66.1 66.1 66.1 66.1 66.1 66.1 66.1 66.1 66.1 65.7 66.1 66.1 66.1 66.1 66.1 £5.7 66.1 66.1 66.1 GE 1400C1 26.9 64.0 64 . 7 45.7 66.1 66-1 66.1 66.1 66-1 66.1 66.1 66.1 66 - 1 66.1 6E 1200CF 26.9 64.3 65.0 65.4 66.8 66.8 66.4 66.0 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.0 GE 1000Cl 20.6 GE 900Cl 31.4 GE 8000l 31.4 77.7 78.1 78.1 78.1 74.6 75 .6 78. 1 78.1 78.1 76.1 78.1 78.1 78.1 76.7 78 . I 83.0 83.4 84 · 1 84 · 5 64 · 5 85.5 85.9 85.9 85.5 85.9 85.9 85.9 86.2 81.6 85 . 2 85 . 5 85.5 85.5 85.9 85.9 85.9 85.9 86.2 66.2 86.2 86.2 86.2 86.2 8 t - 2 600 CL 31.0 83.4 £5.5 86.2 86.2 66.2 86.2 84 . 8 84 . 8 84 . 8 GE 500 Cl 21.4 450 Cl 21.4 #2.3 #2.3 83.7 £5.9 86.2 86.2 86.2 86.2 86.6 86.6 86.6 86.6 86.6 86.6 86.6 GE £5.9 86.2 86.6 86.2 86.2 86.2 86.6 86.6 86.6 86.6 86.6 86.2 86.6 400Cl 31.4 82.3 83.7 86.2 86.2 86.6 86.6 86.6 86.6 66.6 GE 350C1 21.8 83.0 84.5 £5.5 **26.6** 86.9 87.3 89.0 67.3 87.3 87.3 87.3 87.3 300C1 32.2 250C1 32.5 91.2 94.3 94.3 89.4 \$2.9 \$6.5 \$6.5 58.9 58.9 94.3 94.3 94.7 94.3 94.3 94.7 99.3 GE 20DC| 32.9 92.6 99.3 99.3 99.3 99.6 99.6 95.6 99.6 99.6 99.6 99.6 99.3 99.6 99-6 GF 99.4 99.6 95.6 99.6 99.6 150 C | GĒ 92.9 94.7 96 . B 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 106.0 120C1 32.9 99.6 6E 92.9 94.7 \$6.8 59.3 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 GE 10001 32.9 92.9 94.7 96 . 8 59.3 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 94.7 99.3 99.3 99.6 99.6 90C| 22.9 800| 12.9 92.9 56.8 56.8 99.6 99.6 100.0 100.0 100.0 100.0 100.0 GE GE 100.0 100.0 99.6 100.0 100.D 100.0 100.0 100.0 100.0 100.0 99.6 100.0 70 Cl 32.9 94.7 59.3 99.6 99.6 100.0 GĘ 92.9 96.8 100.0 100.0 100.0 100.0 GE 59.3 100-0 100.0 100.0 100.0 99.6 99.6 99.6 GE 50cl 32.9 92.9 94.7 59.3 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 40C| 32.9 30C| 32.9 94.7 GΕ 92.9 56 . 8 96 . 8 59.3 59.3 99.6 99.6 99.6 170.0 107.0 100.0 100.0 100.0 100.0 100.0 GĒ 99.6 100.0 100.0 100.0 GΕ 28 G1 32.9 92.9 94.7 96 - 8 96 - 8 59.3 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0

99.6

99.6

100.0

100.0

100.0

100.0

100.0 100.0 100.0 100.0 100.0 100.0 100.0

100.0

100.0

100.0

TOTAL NUMBER OF ORSERVATIONS: 283

92.9

92.9

59.3

99.3

96.8

99.6

99.6

4.00

99.6

99.6

99.6

GE

GE

10Cl 32.9

E1 22.9

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY PEPIOD OF RECORD: 77-86 MONTH: NCV HOURS(LST): 1500-1700 CE IL ING VISIBILITY IN HUNDREDS OF METERS GE S Œ GE EF G E GΤ 6E 6E GE GE GE GE GE GŁ 4 FEET 1 160 96 80 40 32 24 50 12 10 60 48 16 NO CEIL 1 20.9 55.2 55.6 56.0 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 55.6 56.0 56.7 60.6 61.4 61.4 GE 20C6 C1 21.3 59.6 59.9 60.6 60.6 60.6 60.6 60.6 60.6 180001 21.7 59.6 60.3 £0.3 60 .6 60.6 61.4 61.4 61.4 61.4 61.4 61.4 61-4 61.4 61.4 1600Cl 21.7 €O.3 61.4 61.4 60.6 61.4 61.4 61.4 140001 21-7 60.3 6C.6 60.6 SE 1200G1 24.2 62.8 63.5 63.5 43.9 64.6 64.6 64.6 64 - 6 54.6 64.6 64.6 64.6 64.6 64.6 60 100001 27.8 60 90001 21.0 75.8 75 . A 75.R 73.6 75.0 74.7 75.1 75.1 75.8 75.8 75.8 75.8 75.8 75 . R 75.8 82.3 82.7 82.7 P4.1 83.4 89.1 84.1 84.1 84.1 81.2 63.0 8 3. 4 84.1 84.8 84.1 84 . 1 64 . 8 84.1 GE 80001 11.0 81.6 63.6 84. 1 84.8 84.8 84.8 84.8 84.8 84.8 84.8 84.8 29 - 1 84.8 70001 21.0 81.6 83.8 84. 1 84.8 84.A 84.8 84 . 8 84.6 84.8 R4.8 84.8 84.8 84. 1 84.8 84.8 84.8 84.8 500C1 31.4 82.3 83.4 84 . 5 84 . 8 85.6 85.6 85.6 85.6 85.6 85.6 F5.6 85.6 85.6 84.8 85.6 86.3 87.0 GE GE 450C| 31.4 400C| 31.8 82.3 84.1 84.5 85.2 8 . 8 6 . 63 84.8 85.6 86.3 85.6 85.6 86.3 85.6 85.6 86.3 85.6 85.6 **85-6** 86.3 86.3 £6.3 87.0 350 CI 22.1 63.8 84.8 £5.9 87.0 87.0 87.0 300 Ct 23.2 86.3 87.4 88 . 4 28 . 8 88.8 89.5 89.5 89.5 29.5 89.5 89.5 89.5 89.5 89.5 89.5 GE 95.3 25061 33.9 91.3 92.8 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 43.9 94 .6 94.6 200Cl 24.3 18GCl 24.3 15GCl 24.3 59.2 58.6 58.9 98.6 GE 94.2 95.7 \$7.1 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 95.3 GE GE 94.6 96.0 \$7.5 \$7.8 99.6 99.6 99.6 99.6 95.6 99.6 99.6 99.6 100.0 100.0 96.4 99.3 100.0 100.B 100-0 100.0 100.0 100.0 57.8 58.9 12001 34.3 94.9 96.4 100.0 100.0 100.0 100.0 100.0 99.3 100.0 100.0 100.0 10001 34.3 \$7.8 58.9 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 99.3 99.3 100.0 100.0 GE 90Cl 34.3 94.9 96.4 \$7.8 \$7.8 58.9 58.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 GΕ 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 GΕ 94.9 57.8 100.0 170.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 GE 60E1 34.3 94.9 96.4 57.8 58.9 99.3 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 50C1 24.3 40C1 24.3 94.9 96.4 57.R 58.9 58.9 99.3 100-0 100.0 100.0 100.0 100.0 10c.0 100.0 100-0 100.0 100.0 94.9 \$7.8 GE 96.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 30 C1 24.3 94.9 96.4 57.8 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 SF 96.4 ... 99. 1 100-0 100-0 100.0 107-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 GE CI 34.3 94.9 96.4 97.8 58.9 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

61.2 62.3 62.3 62.3 62.3	62.6 63.7 63.7 63.7	62 - 6 63 - 7 63 - 7	6E 48	6E 4 0	915181L: GE 32	114 IN (36 24	HUNDREDS GE 20	OF ME GE 16	TERS GE 12	EE 10	GE 8	GE 5	6E	6 £
61.2 62.3 62.3 62.3 62.3	GE 8D 62.6 63.7 63.7	6E 6Q 62.6 63.7	6E 48 63.0	6E 4 0	915181L: 6E 32	114 IN (36 24	HUNDRED! GE 20	OF ME GE 16	TERS GE 12	10 10	GE 8	GE 5	GE 4	
61.2 62.3 62.3 62.3 62.3	8D 62.6 63.7 63.7	60 62.6 63.7	48 63.0	6E 40	6E 32	6E 24	G€ 20	GE 16	15 GE	10	8	. 5	4	
61.2 62.3 62.3 62.3 62.3	8D 62.6 63.7 63.7	60 62.6 63.7	48 63.0	40	32	24	20	16	12	10	8	. 5	4	
61.2 62.3 62.3 62.3 62.3	63.7 63.7	63.7	£3.0	•••••	•••••									
62.3 62.3 62.3	63.7 63.7	63.7		63.0	63.3			•••••	• • • • • • •	• • • • • •				
62.3 62.3 62.3	63.7		64 .0			63.7	64 •D	64.0	64.0	64.0	64.0	64.0	64.0	64.D
62.3 62.3 62.3	63.7			64. D	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
62.3 62.3			64 .0	64.0	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
62.3	0 7 6 7	63.7	64.0	64.0	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
	63.7	63.7	64.0	64.0	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
02.00	64.0	64.0	64.4	64.4	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
** *		35. 3	.	•••	77				•••		•	•••		
														76.5 e3.4
														83.7
														83.7
														83.7
1707	9 Z .U	ez • U	62.4	04.4	02 • 1	9 7 • 0	83.7	05.4	83.4	6:4	83.4	83.4	83.4	63.1
81.0	83.0	83.0	83.4	83.4	83.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	94.8
81.0	83.0	e3.D	4. 23	83.4	83.7	B 4 . 1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8
61.3	83.4	83.4	£3.7	83.7	84.3	84.4	84 .8	84.8	84.8	84.8	84.8	84.0	84.8	85.1
81.3			83.7		84.1	84.4	84.8	64.8	85.1	85.1	85.1	85.1	85.1	85.5
83.4	85.5	85 • 5	85.8	85.8	86.2	86.5	86.9	86.9	87.2	87.2	87.2	A7.2	67.2	87.5
87.9	90.7	51 - 7	92.0	92.0	92.4	92.7	93.4	93.4	93.8	93.8	93.8	93.8	93.6	94.1
91.7	95.5	56.5	56.9	96.9	97.2		98.3	98.3	98.6	98.6	98.6	98.6	98.6	99.0
91.7	95.5	56.5	57.2	97.2	97.6	97.9	98.6	78.6	99.0	95.0	99.0	99.0	99.0	99.3
91.7	95.5	56.9	57.6	97.6	97.9	98.3	99.0	99.0	99.3	95.3	99.3	99.3	99.3	99.7
91.7	95.5	56 - 9	57.6	97.6	97.9	98.3	99.0	99.0	99.3	95.3	99.3	99.3	99.3	99.7
91.7	95.5	56.9	\$7.6	97.6	97.9	96.3	99.6	99 a fi	99.3	95.3	99.3	99.3	99.3	99.7
														99.7
91.7	95.5	56.9	57.6	97.6	97.9							99.3	99.3	99.7
91.7	95.5	56.9	57.6	97.6	97.9							09.1	99.3	99.7
91.7	95.5	56 - 9	97.6	97.6	97.9	98.3	99.0	99.0	99.3	95.3	99.3	99.3	99.3	99.7
91.7	95.5	\$6.42	57.6	97.6	97.9	9.2	99.0	00.0	99.7	95.3	99_ 1	99.2	90.1	99.7
														99.7
														99.7
														99.7
91.7	95.5	56.9	57 .6		97.9								99.3	99.7
		- •	- •			-		_			-			
91.7	95.5	\$6.9	57.6	97.6	97.9	-			99.3					
	81.0 61.3 81.3 83.4 87.9 91.7 91.7 91.7 91.7 91.7 91.7 91.7 9	79.6 81.7 79.9 82.0 79.9 82.0 79.9 82.0 81.0 83.0 81.0 83.0 81.3 83.4 83.4 85.5 87.9 90.7 91.7 95.5 91.7 95.5 91.7 95.5 91.7 95.5 91.7 95.5 91.7 95.5 91.7 95.5 91.7 95.5 91.7 95.5	79.6 81.7 E1.7 79.9 82.0 E2.0 79.9 82.0 82.0 79.9 82.0 82.0 82.0 82.0 81.0 83.0 83.0 81.0 83.0 83.0 81.3 83.4 85.5 85.5 87.9 90.7 91.7 95.5 96.5 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9 91.7 95.5 96.9	79.6 81.7 E1.7 E2.0 79.9 82.0 E2.0 E2.4 79.9 82.0 82.0 E2.4 79.9 82.0 82.0 E2.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 83.0 E3.4 81.0 83.0 E3.4 83.4 83.4 E3.7 83.4 E3.5 E5.5 87.9 90.7 S1.7 S2.0 91.7 95.5 S6.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6 91.7 95.5 S6.9 S7.6	79.6 81.7 E1.7 E2.0 82.0 79.9 82.0 E2.0 E2.4 82.4 79.9 82.0 E2.0 E2.4 82.4 79.9 82.0 E2.0 E2.4 82.4 81.0 83.0 E3.0 E3.4 83.4 81.0 83.0 E3.0 E3.4 83.7 81.3 83.4 83.7 83.7 83.4 85.5 E5.5 E5.8 85.8 87.9 90.7 \$1.7 \$2.0 92.0 91.7 95.5 \$6.5 \$6.9 \$7.6 91.7 95.5 \$6.5 \$7.2 97.6 91.7 95.5 \$6.9 \$7.6 97.6	79.6 81.7 E1.7 E2.0 82.0 82.4 79.9 82.0 E2.0 E2.4 82.4 82.7 79.9 82.0 E2.0 E2.4 82.4 82.7 79.9 82.0 82.0 E2.0 E2.4 82.4 82.7 79.9 82.0 82.0 E2.0 E2.4 82.4 82.7 81.0 83.0 83.0 23.0 23.4 83.4 83.7 81.3 83.4 83.7 83.7 83.7 84.1 81.3 83.4 83.7 83.7 83.7 84.1 81.3 83.4 85.5 E5.5 E5.8 85.8 86.2 87.9 90.7 \$1.7 \$2.0 92.0 92.4 91.7 95.5 \$6.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9 91.7 95.5 \$6.9 \$7.6 97.6 97.9	79.6 81.7 81.7 82.0 82.0 82.4 82.7 83.0 79.9 82.0 82.0 82.0 82.4 82.7 83.0 79.9 82.0 82.0 82.4 82.4 82.7 83.0 83.0 83.0 83.4 83.7 84.1 81.0 83.0 83.0 83.4 83.4 83.7 84.1 81.0 83.0 83.0 83.4 83.7 84.1 81.3 83.4 83.7 84.1 81.7 83.0 83.0 83.4 83.7 83.7 84.1 81.7 83.7 83.7 84.1 81.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83	79.6 81.7 81.7 82.0 82.0 82.4 82.7 83.0 83.4 79.9 82.0 82.0 82.4 82.4 82.7 83.0 83.4 79.9 82.0 82.0 82.4 82.4 82.7 83.0 83.4 83.4 83.4 82.7 83.0 83.4 83.4 82.7 83.0 83.4 83.4 82.7 83.0 83.4 83.0 83.4 83.7 84.1 84.4 81.0 83.0 83.0 83.4 83.7 84.1 84.4 81.0 83.0 83.0 83.4 83.7 84.1 84.4 84.8 83.6 83.7 84.1 84.4 84.8 83.7 83.0 83.4 83.7 84.1 84.4 84.8 83.4 83.7 83.7 84.1 84.8 83.8 83.7 84.1 84.8 83.8 83.7 84.1 84.8 83.8 83.7 84.1 84.8 83.8 83.7 84.1 84.8 83.8 83.4 85.5 85.5 85.5 85.8 85.8 86.2 86.5 86.9 87.9 90.7 91.7 95.5 96.5 97.2 97.2 97.6 97.9 98.3 99.0 91.7 95.5 96.5 97.6 97.9 97.9 98.3 99.0 91.7 95.5 96.9 97.6 97.6 97.9 98.3 99.0 91.7 9	79.6 81.7 £1.7 £2.0 82.0 82.4 82.7 83.0 83.0 79.9 82.0 82.0 £2.4 82.7 83.0 83.4 83.4 79.9 82.0 82.0 £2.4 82.4 82.7 83.0 83.4 83.4 79.9 82.0 82.0 £2.0 £2.4 82.4 82.7 83.0 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4	79.6 81.7 £1.7 £2.0 82.0 82.4 82.7 83.0 83.0 83.0 83.0 79.9 82.0 £2.0 £2.4 82.4 82.7 83.0 83.4 83.4 83.4 79.9 82.0 £2.0 £2.4 82.4 82.7 83.0 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4	79.6 81.7 81.7 82.0 82.0 82.4 82.7 83.0 83.0 83.0 83.0 83.0 83.0 79.9 82.0 82.0 82.4 82.4 82.7 83.0 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4	79.6 81.7 81.7 82.0 82.0 82.4 82.7 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0	79.6 81.7 E2.0 82.0 82.0 82.4 82.7 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0	79.6 81.7 E1.7 E2.0 82.0 82.4 82.7 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

STAT	104	NU	PBER:	164530	STATI	OA NAME:	GELA	ITALY					PERIOD Month		DRD: 77 HOURS	-86 (LST):	2100-23	00
CE IL	ING	•••	••••	• • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	VISIBIL				TERS	• • • • • • •	• • • • • • •	•••••	•••••	•••••
11		ŧ	GT.	GE	GE	GE	66	Œ	6£	SE.	68	96	GE	EF	GE	GĘ	GE	GE
FEE	1	İ	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
0 C	EIL	1	22.0	65.8	67.3	68. U	68 • C	68.6	48.8	69.1	69.1	69-1	69.1	65.1	69.1	69.1	69.1	69.5
E 2	000 C	:1	32.3	67.3	68.8	69.5	69.5	70.3	70.3	70.6	70.6	70.6	70.6	76.6	70.6	73.6	70.6	71.0
	8000			67.3	68.8	69.5	69.5	70.3	70.3	70.6	70.6	70.6	70.6	7[.6	10.6	70.6	70.6	71.0
	600 C			67.3	68.8	69.5	69.5	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.0
	4000			67.3	68.8	69.5	69.5	70.3	70.3	76.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.0
E 1	200 C	1	32.3	68.4	69.9	76.6	10.6	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.1
	0 00 C			74.3	76.6	17.7	17.7	78.4	78.4	78.8	78.8	78.8	78.8	75.2	79.2	79.2	79.2	79.6
	9060			80.7	82.9	84 • D	84.0	84.8	84 . 8	85.1	85.1	85.1	85.1	85.5	85.5	P5.5	85.5	85.9
E	800 C	1	27.5	81.4	83.6	84.8	84.8	85.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	R6.2	86.2	B 6 . 6
	700 C			61.4	83.6	84 • 6	8 • #5	85.5	85.5	85.9	85.9	85.9	85.9	8 £ . 2	86.2	P6.2	86.2	₽ 6 .6
•	600 C	1	37.5	81.4	83.6	84 - 8	8. #5	85.5	85.5	85.9	65.9	85.9	85.9	86.2	86.2	86.2	86.2	86.6
	500 C			81.4	83.6	84 - 8	84 -8	#5.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.6
	450 G			81.4	83.6	84.8	8 - #3	85-5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86 . 2	86.6
	400 C			81.8	84 .0	85 - 1	62.1	85.9	85.9	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	07.0
	350 C			82.2	84.4	85.5	e5 - 5	86.2	86.2	86.6	86.6	86.6	86.6	87.0	87.0	67.0	87.0	67.4
•	300 C		18.7	83.6	86.2	67.4	27.4	66.1	86-1	8 8 . 5	88.5	*8.5	84.5	56.8	88.9	A8.8	68.8	E 9 .2
	250 C	1	40.1	87.0	90.3	52.9	52.9	93.7	93.7	94.1	94.1	94.1	94.4	94.8	94.8	94.8	94.8	95.2
	200 C		40.9	90.3	93.7	57 - 0	57.0	97.8	97.8	98.1	98.1	98.1	98.5	96.9	98.9	98.9	98.9	99.3
E	1000	1	40.9	90.3	93.7	57.0	57.0	97.8	97.8	98.1	98.1	98.1	98.5	98.9	98.9	98.9	98.9	99.3
3	150 C	1	40.9	90.3	94.1	57.8	57.8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
E	120 C	.1	40.9	96.3	94 -1	57.8	57.8	98.5	98.5	98.9	99.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
	1000			90.3	94 -1	57.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
Ē	900	: 1	40.9	90.3	94.1	57.8	97 . 8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
E		-	40.9	90-3	94.1	57.8	57.8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
E	700		40.9	90.3	94.1	57.8	97.8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99,6	79.6	99.6	100.0
E	600	:1	40.9	90.3	94.1	57.8	57 .B	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
E			40.9	90.3	94.1	97.8	57.8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
Ē	_	•	40.9	90-3	94.1	57.8	\$7.8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
E			10.9	90.3	94.1	57.8	57.8	98.5	98.5	98.9	98.9	98.9	90.3	95.6	99.6	99.6	99.6	100.0
E			40.9	70.3	94 -1	97 - 8	57 -8	98.5	98.5	98.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0
ξ	100	. [40.9	90.3	94.1	57.8	\$7.8	98.5	98.5	98.9	98.9	98.9	90.3	95.6	99.6	99.6	99.6	100.0
E	C	:1	40.9	90.3	94.1	57.8	57.8	98.5	98.5	96.9	98.9	98.9	99.3	95.6	99.6	99.6	99.6	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPRER: 16453P STATION NAME: GELA LIM Y

\$7	RTION	NU	PRER :	164530	STATI	OR NAME:	6£LA	TALY					PERIOD Month	OF PEC	ORD: 77	-8 6		
																	-	
	LING	•••	•••••	• • • • • • •	•••••	• • • • • • •	• • • • •		VISIBIL					• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••••
	IN		GI	GE	GE	60	GE	GE	6L	CE	GE.	GE		33	GΕ	GE	GŁ	GE
	ET	i	160	90	80	60	48	40	12	24	20	16	12	10	8	5	4	0
• • •	••••	•••	****	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •		• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • • • • • •
NO.	CEIL		27 8	61.3	62.6	63.3	63.7	64.3	64.4	64.5	64.7	64.8	64 . R	64.8	64.8	65.0	65.1	65.2
40	CLIL	•	43.0	91.5	0.0	63.3	63.1	64.3	07.7	64.3	04.7	04.0	04.50	04.6	01.0	6360	03.1	03.2
GE	20000	C I	24.3	63.8	65.1	65 - 8	66.2	66.8	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.5	67.6	67.8
GE	18000	Cl	24.3	63.9	65.2	£6.0	66.4	67.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9
GE	16000	C į	24.3	63.9	65.2	66 - 0	66.4	67.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9
GE	14000	Cl	24.3	63.9	65.2	66.0	66.9	67.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9
GE	12700	c I	24.7	64.8	66.1	66.9	£7.3	67.9	68.1	68.2	68.3	68.4	68.5	66.5	68.5	68.7	6.84	68.9
G.F.	1000	r ı	27.5	73.2	74.8	75.8	76 . 2	76.8	17.0	77.1	77.3	77.3	77.4	77.5	77.5	77.7	77.8	78.0
GE			29.3	79.4	81.2	82.3	82.7	83.3	33.4	83.6	83.7	83.9	84.0	84.1	84.1	R4 . 2	84.3	64.5
GE			29.4	79.9	81.7	82.9	83.3	83.9	84 .D	84.2	84.4	P4.5	84.6	84.7	84.7	84.8	64.9	85.1
GE			29.4	79.9	81.7	62.9	E3.3	83.9	84.0	84.2	84.4	64.5	84.6	84.7	84.7	94.8	84.9	85.1
GΕ			29.5	80.0	81.8	82.9	£3.3	B3.9	84.1	84.3	84.4	84.5	84.6	84.7	84.7	84.9	85.0	85.1
G.	0000	-,		***************************************	0	,	.,,,	0.347	0,11	0.03		0103	0.00			0.0,	0,00	
GĒ	5000	C	29.6	80.6	82.4	£3.5	£3.9	84.5	84.7	84.9	85.0	95.1	85.2	85.3	85.3	85.5	85 • 6	85.8
GE	4501	13	29.6	80.6	82.4	£3.5	83.9	84.5	84.7	84.9	85.0	65.1	85.2	85.3	85.3	85.5	85 . 6	85.8
GE	4000	0 1	29.6	80.8	82.6	83.7	84 . 7	84.8	84.9	85.1	85.2	85.4	85.5	85.6	85.6	85.7	85.8	0.09
GE	3500	C I	29.8	61.1	83.0	E4 - 1	84 . 5	85.1	85.2	85.4	85.6	85.7	85.8	85.9	85.9	86.1	86 . 2	86.4
CE	3000	C į	20.5	83.1	85.0	26 - 1	86.5	87.2	87.3	87.5	87.7	87.8	87.9	8.0	88.D	88.2	88 • 3	88.5
	35.0.6	~ 1	21.1	87.3		c				93.2	93.4	93.5	93.7	91.8	93.8	93.9		94.2
GE			31.5	91.2	89.8 94.1	51 • 7 56 • 4	52 • 2 57 • 1	92.9	93.0 98.0	98.2	98.4	98.6	98.7	98.8	98.8	99.0	94 • 0 99 • 1	99.3
6E			31.5	91.3	94.3	56.5	57.3	97.9 98.1	98.0	98.4	98.6	98.7	98.9	95.0	99.0	99.2	99.3	99.4
GE			31.6	91.5	94.5	57 - U	57.7	98.5	98.6	98.8	99.0	99.2	99.3	95.4	99.4	99.6	99.7	99.9
GE			31.6	91.5	94.5	57.0	57.8	98.6	98.7	98.9	99.1	99.2	99.4	95.5	99.5	99.6	99.7	99.9
υĽ	120	••	31.6	41.5	7 4 63	77.00	77.00	70.0	70	70.7	77.1	77.2	77.4	7703	77.3	77.0	99.1	77.7
6E	100	C f	31.6	91.5	94.5	57.0	\$7.8	98.6	98.7	98.9	99.1	99.2	99.4	95.5	99.5	99.6	99.7	99.9
GE	961	Cl	21.6	91.5	94.5	57.0	97.8	98.6	98.7	98.9	99.1	99.2	90.4	95.5	99.5	99.6	99.7	99.9
G€	861	t I	?1.6	91.5	94.5	57.U	57.8	98.6	98.7	98.9	99.1	99.2	99.4	95.5	99.5	99.6	99.7	99.9
GE	701	C f	21.6	91.5	94.5	57.D	57.8	98.6	98.7	98.9	99.1	99.2	90.4	99.5	99.5	99.6	99.7	99.9
6E	601	GÌ	31.6	91.5	94.5	57.0	57 - 8	98.6	98.7	98.9	99.1	99.2	99.4	95.5	99.5	99.6	99.7	99.9
68	8 m	- 1	31.6	91.5	94.5	57.0	57.8	98.6	98.7	98.9	99.1	99.2	99.4	95.5	99.5	99.6	99.7	99.9
GE			21.6	91.5	94.5	57.0	57.8	98.6	98.7	98.9	99.1	99.2	99.4	95.5	99.5	99.6	99.7	99.9
GE			31.6	91.5	94.5	57.D	57.8	98.6	98.7	98.9	99.1	99.2	99.4	95.5	99.5	99.6	99.7	99.5
GE			31.6	91.5	94.5	57.0	57.8	98.6	98.7	98.9	99.1	99.2	90.4	95.5	99.5	99.6	99.7	99.9
GE			31.6	91.5	94.5	\$7.0	57 · 8	98.6	98.7	98.9	99.1	99.2	90.4	95.5	99.5	99.6	99.7	100.0
0.	.01		28.0	7143	, 7 , 3	77 • U	71.5	7500	70.1	7047	7701	7706	7-64	7703	77.3	7760	7741	100 00
GE	,	۲Į	31.6	91.5	94.5	57.U	57.8	98.6	98.7	98.9	99.1	99.2	90.4	55.5	99.5	99.6	99.7	100.0
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TOTAL NUMBER OF CREENVATIONS: 2141

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF PECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200 VISIBILITY IN MUNDREDS OF METERS CE IL ING GE GE GE Œ GŁ GE 24 6E 6E 6E EE GE FEET | 160 90 30 60 48 46 32 20 16 12 10 . 5 0 NO CEIL | 27.7 70.9 71.7 11.7 71.7 71.7 GE 200001 37.7 69.4 70.9 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 GE 1800 CT 37.7 GE 1600 CT 37.7 69.4 70.9 70.9 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 140001 37.7 69.4 70.9 72.5 SE 120001 38-1 70.2 71.7 12.5 72.5 72.5 72.5 72.5 72.5 77.5 72.5 72.5 72.5 72.5 72.5 75.5 85.7 87.2 37.7 17.7 77.7 71.7 GE 1000CI 41.9 77.0 17.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 90001 45.7 80001 46.0 70001 46.0 87.9 89.9 GE 87.9 87.9 87.2 87.9 87.9 87.9 87.9 P7.9 87.9 81.9 87.9 87.9 87.9 89.4 89.4 89.4 89.4 89.4 89.4 85.4 89.4 89.4 87.2 68.7 89.4 89.4 89.4 89.4 89.4 99.4 69.4 89.4 GE 89.4 85.4 89.4 GE 60001 46.0 88.7 89.4 89.4 89.4 69.B ĠE 50001 46.0 87.5 89.1 69.8 89.8 89.8 89.8 89.8 69.8 89.8 89.8 85.8 89.8 89.8 89.8 89.1 89.1 89.1 89.8 89.8 89.8 85.8 85.8 85.8 45001 46.0 40001 46.0 69 • 8 69 • 8 89.8 89.8 89.8 89.8 89.8 89.8 GE 87.5 89.8 89.8 89.B 89.8 89.8 89.8 89.8 89.8 89.8 87.5 350 Ct 46.0 87.5 29.8 89.8 89.8 89.8 89.B 89.8 89.8 69.8 91.7 300 C| 46.4 91.7 91.7 91.7 91.7 91.7 91.7 GE 25001 47.2 91.7 93.6 55.8 55 . 8 95.8 95.8 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 20061 47.2 18001 47.2 93.6 93.6 95 ·8 58.5 58.5 58.9 53.9 98.9 98.9 98.9 99.2 99.2 99.2 99.2 95.2 99.2 99.2 99.Z 99.2 99.2 99.2 6E 99.2 GE 15061 47.2 58.9 59 .6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 196.0 100.0 GF 12061 47.2 04.1 96.2 CR.O 69.6 99.6 99.4 100.0 100.0 100 - D 100.0 100.0 100.0 100.0 100.0 100-0 100C1 47.2 90C1 47.2 94.0 94.0 96.2 96.2 59 .6 59 .6 99.6 99.6 GE 58.9 100.0 100.0 100.0 100-0 100.0 100.6 100.0 100.0 100.0 58.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 8DC1 47.2 94.0 96.2 58.9 59.6 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 59.6 GE 99.6 99.6 7061 47.2 94.0 96 -2 56.9 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 106.0 160.0 50C) 47.2 40C) 47.2 58.9 58.9 59.6 59.6 GΕ 96.2 96.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 120.0 100.0 100.0 100.0 GE GE 94.6 100-0 100.0 100.0 100.0 100.0 100.0 100 • 0 100.0 30C| 47.2 20C| 47.2 10C| 47.2 94.0 96.2 59.6 100.0 100.0 58.9 99.6 100.0 100.0 100.0 94.6 100.0 100.0 101.0 94.0 58.9 58.9 GE 59 .6 99.6 99.6 100-0 100.0 100.0 iac.o 100.0 170.0 100.0 100.0 100-0 59.6 99.6 99.6 100.0 100.0 100.0 100.0 ICC.D 100.0 100.0 120.0 G€ 94.0 96.2 58.9 CI 47.2 59 .6 99.6 99.6 100-0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	ATION N	U PBER :	164530	STATIO	A NAME:	GELA	ITALY						OF REC		-86 (LST):	0300-09	ac
	 IL ING	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •		VISIBIL					•••••	•••••	•••••	•••••	•••••
	IN I	G T	GE	6E	GE	6E	Œ	6L	GE	GE	GE	GE	EΕ	GE	G€	GE	GE
FI	ET	160	90	80	60	48	40	32	24	20	16	12	10		5	4	0
	CEIL I	• • •	70.3	71-1	72.0	72 .4	72.4	72.4	72.4	72.8	72.8	72.6	72.8	72.8	72.8	72.8	72.8
6F	200001	36.6	70.7	71.5	72.4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	1800 C		70.7	71.5	72 • 4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	72.2	73.2	73.2	73.2	73.2
	160001		70.7	71.5	72.4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	1400 C		70.7	71.5	72.4	72.8	72.8	72.8	72.8	73.2	73.2	73.2	71.2	73.2	73.2	73.2	73.2
	1200 C		72.0	72.8	73.6	74.0	74.0	75.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
3E	100001	41.1	80.5	81.3	62.1	£2.5	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
įΕ	90061	43.5	87-8	89.0	89.8	50.2	90.2	90.2	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GΕ	800 C S	43.5	88.2	89.4	50.2	\$0.7	96.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GΕ	700 C l	43.5	88.2	89.4	50.2	50.7	98.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE	600 C	43.5	88.2	89.4	50.2	50.7	90.7	90.7	90.7	91-1	91.1	91.1	91.1	91.1	91.1	91-1	91.1
GE	500 C F	43.5	88.2	89.4	50.2	50.7	9 Go 7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE	450C		86.2	89.4	90 • 2	50.7	90.7	90.7	90.7	91-1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
6E	400 C I		88.2	89.4	50.2	50.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91-1
GΕ	350 C		88.2	89.4	50 - 2	50.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
6E	300 C (43.9	90.2	91.5	52.7	53.1	9 3. 1	93.1	93.1	93.5	93.5	93.5	9 2 • 5	93.5	93.5	93.5	93.5
GE	25001		93.9	95 -1	56.3	56.7	96.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	20001		95.1	96.3	58.D	58.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	18661		95.1	96.3	58 • D	58.4	98.4	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1500		95.9	97.2	58.8	59.2	99.2	99.2	99.6	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	45.5	95.9	97.2	58 • B	59.2	99.2	99.2	99.6	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100 •0
GΕ	1000		95.9	97.2	58 - 8	59 • 2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		45.5	95.9	97.2	98.8	59.2	99.2	99.2	99.6	100.0	100.0	100.0	10C.0	100-0	100.0	100.0	100.0
GE		45.5	95.9	97.2	58 . 8	59.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E		45.5	95.9	97.2	58 . 8	59.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	6B C I	45.5	95.9	97.2	98 • B	59 • 2	99.2	99.2	99.6	100 •0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		45.5	95.9	97.2	58.8	59.2	99.2	99.2	99.6	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		45.5	95.9	97.2	58 . 8	59.2	99.2	99.2	99.6	100.0	100.0	107.0	100.0	100.0	100+0	100.0	100-0
GE		45.5	95.9	97.2	58 . 8	59 •2	99.2	99.2	99.6	100+0	100.0	100-0	100.0	100.0	100.0	100.0	100 0
GE		45.5	95.9	97.2	58.8	59.2	99.2	99.2	99.6	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0
6E	1001	45.5	95.9	97.2	58 - 8	59.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	61	45.5	95.9	97.2	58.8	59.2	99.2	99.2	99.6	160-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

CEILINE IN GI GC GC GC GC GC GC GC	51	AT ION	ML	PBER:	164530	STATI	DR NAME:	GELA	ITALY					PERIOD	OF REC			0600-n8	n n
The color Color													• • • • • •					••••••	
NO CEIL 20.3 63.4 64.1 65.2 65.5 66.2 66.2 66.6 66.6 66.6 66.6						••••				VISIBIL	ITY IN	HUNDRED	S OF ME	TERS					••••
NO CELL 20.3 63.4 64.1 65.2 65.5 66.2 66.2 66.6			ı																
NO CEIL 20.3 63.4 64.1 65.2 65.5 66.2 66.2 66.6	F	EET	,	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	U
## 2000C 20.7	••	•••••	•••		• • • • • • •	•••••	• • • • • • • •	• • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • •	••••
6 10000 20.7 64.5 65.2 66.2 66.6 67.2 67.2 67.6 67.6 67.6 67	NO	CEIL	ı	20.3	63.4	64.1	65.2	€5 .5	66.2	66 • 2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
6 10000 20.7 64.5 65.2 66.2 66.6 67.2 67.2 67.6 67.6 67.6 67	66	2000	c 1	20.7	60.5	45.2	46.2	46.6	67.2	67.2	67.6	67.6	67.4	67.6	67-6	67.6	67.6	67.6	67.6
6E 1400C[20.7 64.5 65.2 66.2 66.6 67.2 67.6 67.6 67.6 67.6 67																			
EE 120001 20.7 64.5 65.2 66.2 66.6 67.2 67.2 67.9 67.9 67.9 67.9 67.9 67.9 67.9 67.9														67.6					67.6
EE 120001 20.7 64.5 65.2 46.2 46.6 67.2 67.9 67.2 86.3 88.3 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 <th< td=""><td>GE</td><td>1400</td><td>13</td><td>20.7</td><td>64.5</td><td>65.2</td><td>66.2</td><td>66 . 6</td><td>67.2</td><td>67.2</td><td>67.6</td><td>67.6</td><td>67.6</td><td>67.6</td><td>67.6</td><td>67.6</td><td>67.6</td><td>67.6</td><td>67.6</td></th<>	GE	1400	13	20.7	64.5	65.2	66.2	66 . 6	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE PODE: 24.8 82.1 82.6 Min 1 84.5 85.5 85.5 85.5 86.2 <th< td=""><td>GE</td><td>1200</td><td>01</td><td>20.7</td><td>64.5</td><td>65.2</td><td></td><td></td><td>67.2</td><td>67.2</td><td>67.9</td><td>67.9</td><td>67.9</td><td>67.9</td><td>67.9</td><td>67.9</td><td>67.9</td><td>67.9</td><td>67.9</td></th<>	GE	1200	01	20.7	64.5	65.2			67.2	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE PODE: 24.8 82.1 82.6 Min 1 84.5 85.5 85.5 85.5 86.2 <th< td=""><td>GF</td><td>1000</td><td>D s</td><td>22.8</td><td>73.4</td><td>74.1</td><td>75.2</td><td>75.5</td><td>76.6</td><td>76.6</td><td>77.2</td><td>77.2</td><td>77.2</td><td>77.2</td><td>77.2</td><td>77.2</td><td>77.2</td><td>77.2</td><td>77.2</td></th<>	GF	1000	D s	22.8	73.4	74.1	75.2	75.5	76.6	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 800C1 26-2 88-5 85-5 86-0 87-2 88-3 89-3 89-0											_							_	
6E 700C1 26-2 88-5 85-5 85-5 86-9 87-2 88-3 88-3 88-0 89-0 90-0 90-0 90-0 90-0																			
GE 6000 26-2 84-5 85-5 86-6 87-9 88-3 89-3 89-3 90-0 90-0 90-0 90-0 90-0 90-0 90-0 9	6E									_			89.0		85.0	89.0	89.0	89.D	89.D
GE 450Cl 46.2 55.5 86.6 87.9 88.3 89.3 89.3 90.0 90.3 90.7 90.7 90.7 90.7 90.7 90.7 90.7	űE	600	ō i	26.2	84.5	85.5	86.9	e7 .2	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	69.0	89.0
GE 450Cl 46.2 55.5 86.6 87.9 88.3 89.3 89.3 90.0 90.3 90.7 90.7 90.7 90.7 90.7 90.7 90.7	GE	500	c I	26.2	45.5	86.6	87.9	FR.3	F _0.3	89.3	90.0	90.0	90.0	90.0	91.0	90.0	90.0	90.0	90 -A
6E 300Cl 26.2 85.9 86.9 88.3 88.6 89.7 89.7 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3																			
GE 35001 26-2 85-9 86-9 88-3 68-6 89-7 90-3 90-4 92-4																			
6E 300 cl 26.6 87.9 89.0 50.3 50.7 91.7 91.7 92.4 92.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																			
6E 20001 26-9 94-8 95-9 57-2 57-6 99-0 99-0 99-7 99-7 99-7 99-7 99-7 99-7	66															92.4	92.4	92.4	92.4
6E 20001 26-9 94-8 95-9 57-2 57-6 99-0 99-0 99-7 99-7 99-7 99-7 99-7 99-7	GE	256	τı	26.6	91.7	92.8	Se a 1	ca .5	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
6E 180E1 26.9 94.8 95.9 97.2 57.6 99.0 99.0 99.7 99.7 99.7 99.7 99.7 99.7																			
GE 150C1 26.9 95.2 96.2 57.6 57.9 99.3 99.3 100.0 <td>GE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>99.7</td>	GE																		99.7
GE 12gcl 26.9 95.2 96.2 57.6 57.9 99.3 99.3 100.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>100.0</td> <td>100.0</td> <td>100.0</td> <td>100.0</td>																100.0	100.0	100.0	100.0
6E 9001 26.9 95.2 96.2 57.6 57.9 99.3 99.3 100.0	GE	120	cĺ	26.9	95.2	96.2	57.6	57.9	99.3	99.3	100.0	100.0	100.0			100.0	100.0	100.0	100-0
6E 9001 26.9 95.2 96.2 57.6 57.9 99.3 99.3 100.0	GE	100	c I	26.9	95.2	96.2	\$7.6	57.9	9 0. 3	99.3	100.0	100-0	100-0	100-0	100.0	100.0	100.0	100.0	100.0
6E 80 c 26.9 75.2 76.2 77.6 77.9 79.3 79.3 100.0 100	GE																	160-8	100.0
GE 70c1 26.9 95.2 96.2 97.6 97.9 99.3 99.3 100.0	66	80	C)	26.9	95.2	96 .2	57.6	57.9	99.3			100.0	100.D	100.0	106.0	100.0	100.0	100.0	100.0
6E 5001 26.9 95.2 96.2 97.6 57.9 99.3 99.3 100.0	GE	70	ci	26.9	95.2	96.2	57.6	57.9	99.3	99.3	100.0	100-0		100.0	100.0	100.0	100.0	100.0	10C .0
6F 40C 26.9 95.2 96.2 57.6 57.9 99.3 99.3 100.0	68	68	CI	26.9	95.2	96.2	57.6	57.9	99.3	99.3	100.D	100-0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
6F 40C 26.9 95.2 96.2 57.6 57.9 99.3 99.3 100.0	GE	50	ก1	26.9	95.2	96.2	97.6	57.9	99.3	99.3	100-0	100-0	170.0	107.0	186.0	lan-n	100.0	160.0	100.0
GE 30C 26.9 95.2 96.2 57.6 57.9 99.3 99.3 100.0																			
6E 20C 26.9 95.2 96.2 97.6 97.9 99.3 99.3 100.0																			
GE 1001 26.9 95.2 96.2 97.6 57.9 99.3 99.3 100.0	-																		
	GE																		
	GE.		rı	26.9	95.2	96.2	67.6	57.0	90. 1	90.7	lan a	100.2	100.0	100.0	105.0	100.0	100-0	100.0	100-0
					,,,,,		• • • • • • • •	• • • • •		,,,,,	* (170+0	100.00	*****						

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

CELING No. CELING Section							DA NAME:		-					MONTI)	HOURS	ILSTI.	0900-1	3 CD
1	CΕ	IL ING		• • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	VISIAII	ITY IN	HUNDRES	S OF ME	1505	• • • • • • • •	*****	• • • • • • •	• • • • • •	• • • • • • • • • • • • •
NO CEIL 1 23-3 55-1 56-8 57-5 57,9 57.9 57.9 57.9 57.9 58-2 58-2 58-2 58-2 58-2 58-2 58-2 58-2		IN	ŀ	•••	€E	GE	G.F	GE	GE						ee:	G.F	65	6.6	6.6
NO CEIL 1 23.3 55.1 56.8 57.5 57.9 57.9 57.9 57.9 57.9 58.2 58.2 58.2 58.2 58.2 58.2 58.2 58.2		-	ı	190	90	60	60	48	• 0	32	24	20							
GE 200001 25.0 58.9 60.6 61.3 61.3 61.3 61.3 61.3 61.6 61.6 61	••	••••	•••	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	•••••	• • • • • •	••••••	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	*****			
GE 200001 25.0 58.6 60.3 61.0 61.3 61.3 61.3 61.3 61.3 61.6 61.6 61.6	NO	CETL	1	23.3	55.1	56.8	57.5	£7 o	57.9	57.0	5 7 . 0	58.2	58.2	60 2	64 7		60.3		
SET 180001 25-0 58-9 60.6 61.3 61.6 61.6 61.6 61.6 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62								•••	J.,	3149	,,,,,	30.5	3002	36.02	36.2	30.2	30.2	26.2	28 45
St. 140001 25-0 58-9 60.6 61.3 11.6 61.6 61.6 61.6 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62							£1.0	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
6E 1800E1 25.0 58.9 60.6 61.3 61.6 61.6 61.6 61.6 61.6 61.6 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62								£1.6	61.6	61.6	61.6	62.D	62.0	62.0	62.0	62.0	62.0		
## 140061 25-0 58-9 60.6 61.3 61.6 61.6 61.6 61.6 61.6 61.6 62.0 62.0 62.0 62.0 62.0 62.0 62.0 62								t1 .6	61.6	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62 - n	
GE 1200C1 28-8 70.9 72-6 73.3 13.6 73.6 73.6 73.6 73.6 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0							61.3	£1.6	61.6		61.6	62.0	62.D	62.0	62.0	62.0	62.0		
GE 9001 31.5 77.4 79.8 80.8 81.2 81.2 81.2 81.2 81.5 81.5 81.5 81.5 81.5 81.5 71.5 81.5 61.5 61.5 61.5 61.5 61.5 61.5 61.5 6	GE	7 500	81	25.0	59.9	61.6	65.3	62.7	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.D	63.0		
GE 9001 31.5 77.4 79.8 80.8 81.2 81.2 81.2 81.2 81.5 81.5 81.5 81.5 81.5 81.5 71.5 81.5 61.5 61.5 61.5 61.5 61.5 61.5 61.5 6	SF	1000	r i	20.0	20.0	77 4	32.2			•• •					_				
GE 80001 31.8 79.5 81.8 82.9 83.6 83.6 83.6 83.6 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9																			
GE 70001 31-8 70-5 81-8 82-9 83-6 83-6 83-6 83-6 83-7 83-9 83-9 83-9 83-9 83-9 83-9 83-9 83-9																			
GE 50001 32-2 81-5 83.9 84-9 85-6 85-6 85-6 85-6 85-6 85-6 85-6 85-6	_																		
GE SDOOL 32-2 81.5 83.9 84.9 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6																			
GE 450E1 12.2 81.5 81.9 81.9 85.6 85.6 85.6 85.6 85.6 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86	••		••		~0**	0.2.03	C3.0	64.02	04.2	87.02	04.2	44.0	84 . 6	84.6	84.6	84.6	84.6	84.6	84,6
GE 450C1 12.2 81.5 83.9 84.9 85.6 85.6 85.6 85.6 85.6 85.6 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86	GE				81.5	83.9	84.9	65.6	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	84.0	24.0	8 A . D
GE 350C1 22.2 81.5 83.9 84.9 85.6 85.6 85.6 85.6 85.6 85.6 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86	GE	450	Ci	22.2	81.5	63.9	84.9	85 .6	85.6	85.6	85.6	86.0							
GE 350Cf 32-2 84.9 87.3 88.4 89.0 85.6 85.6 85.6 85.6 85.6 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86	GE	400	Gl	12.2	81.5	83.9	84.9	85 .6	85.6	R5 . 6									
GE 300C 32-2 24-9 87-3 28-4 69-0 89-0 89-0 89-0 89-0 89-4 89-4 89-4 89-4 89-4 89-4 89-4 89-4	GE	350	Cİ	22.2	81.5	83.9	24.9	85 .6											
GE 250C1 32.5 90.4 92.8 53.8 54.5 94.5 94.5 94.5 94.9 94.9 94.9 94.9	GΕ	300	£)	32.2	24.9	87.3	69.4	e9 . D	89.6										
GE 2006 32.5 93.5 95.9 98.3 59.0 99.0 99.0 99.0 99.3 99.3 99.3 99.3 9																0,4.			0.44
GE 18GC 32-5 93-5 95-9 58-3 59-0 99-0 99-0 99-3 99-3 99-3 99-3 99-3 9									94.5	94.5	94.5	94.9	94.9	94.9	94.9	94.9	C4.9	94.9	94.9
GE 150C1 32-5 94-2 96-6 59-0 59-7 99-7 99-7 100-0 100-										99.0	99.0	99.3	99.3	99.3	95.3	99.3	99.3	99.3	99.3
GE 100Cf 32.5 94.2 96.6 59.0 59.7 99.7 99.7 100.0 100.								59 .0	99.0	99.3	99.0	99.3	99.3	99.3	95.3	99.3	99.3		
GE 100Cf 12.5 94.2 96.6 59.0 59.7 99.7 99.7 100.0 100.									99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100-0	160.0	100.0
GE 900 22.5 94.2 96.6 59.0 59.7 99.7 99.7 99.7 100.0 1	ΘE	120	CI	32.5	94.2	96.6	59 • C	59.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0		
GE 900 22.5 94.2 96.6 59.0 59.7 99.7 99.7 99.7 100.0 1	GF	100	ct	12.6	04 2	04.4	60 0										_		
GE 80Cl 32.5 94.2 96.6 59.0 59.7 99.7 99.7 100.0	_																		
6E 70 C 32-5 94-2 96-6 99-0 59-7 99-7 99-7 100-0 100																			
GE 60Cl 22.5 94.2 96.6 59.0 59.7 99.7 99.7 100.0																			
GE 50Cl 32.5 98.2 96.6 59.0 59.7 99.7 99.7 100.0																			100.0
6E 40Cl 32-5 94-2 96-6 99-0 99-7 99-7 99-7 100-0	-	•	٠.	-2.3	74.2	3 0 +D	79.0	77.1	99.7	49.7	99.7	100.0	100.0	100.0	100.0	100.0	160.0	160.0	100.0
6E 40Cl 32-5 94-2 96-6 59-0 59-7 99-7 99-7 100-0	GE	50	c)	32.5	94.2	96.6	59.0	59.7	99.7	99.7	99.7	160.0	100.0	100.0	100-0	100-0	100.0	160.0	100 0
6E 30Cl 32-5 94-2 96-6 99-0 99-7 99-7 99-7 100-0	GE	40	Cl	32.5	94.2	96.6	59.U												
GE 20C 22.5 98.2 96.6 59.0 59.7 99.7 99.7 100.0	6E																		
6E 10Cl 32.5 94.2 96.6 59.0 59.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE	201	cĺ	22.5															
6F C1 12.5 08.2 04.4 09.0 09.7 09.7 09.7 09.7 09.7 09.7 09.7	GΕ	10	Cŧ	32.5	94.2								-						
GE [1 32.5 94.2 96.6 59.0 59.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0						•		• • • •			, ,		- (-0 - 0	• • • • • •	*0.*0	*****	10.00	100.0	100.0
***************************************	GE		۲l	32.5	94.2	96.6	59.0	59.7	99.7	99.7	99.7	100.0	100.0	190.0	100.0	100.0	100.0	160.0	100.0
	•••	• • • • •	•••	•••••	******	•••••	• • • • • • •	•••••	• • • • • •	• • • • • • •		•••••	• • • • • •			•••••	******		

PEKCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400 STATION NUPBER: 164530 STATION NAME: GELA ITALY VISIBILITY IN HUNDREDS OF METERS CE IL ING GE 5 GE 24 IN | 61 FEET | 160 GE 32 6E 20 **6**E GE EΕ G E 90 50 60 48 9.0 16 12 10 NO CEIL | 25.0 58.7 59.0 60.0 60.0 60.3 60.3 60.3 60.3 60.3 66.3 60.3 60.3 60.3 60.3 60.3 GE 2000 CL 26.3 63.3 64.7 64.7 65.0 65.0 63.0 64.3 64.3 64.7 64.7 64.7 64.7 64.7 64.7 64.7 64.7 64.7 65.0 65.0 64 .7 64 .7 1800C| 26.3 1600C| 26.3 65.0 65.0 65.0 65.0 65.0 65.0 65.0 64 . 7 65.0 65.0 65.0 63.7 64.0 63.3 65.0 64.7 65.0 65.0 65.0 65.0 65 .O 140001 26.3 65.3 65.3 65.3 65.3 65.3 66.7 65.3 65.3 65.3 65.3 65.3 65.3 GE 1200C1 27.3 65.0 65.3 66 .3 66.7 66.7 66.7 6E 1000CJ 29.3 73.3 73.7 74.7 79 . 7 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 90001 34.0 80001 34.3 82.B 83.3 82.3 83.3 84.7 83.3 84.7 83.7 85.0 84.0 85.3 84.0 64.0 65.3 84.0 GF 83.7 83.7 83.7 84.0 84.0 84.0 85.3 85.0 85.0 85.3 85.3 85.0 83.7 85.0 85.0 GF 70001 34.3 83.3 E4 . 7 24.7 85.0 85.0 85.3 ***5.3** 60001 34.3 83.3 83.7 24.7 85.0 85.3 24.7 85-D 85.0 85.3 85.3 85.3 65.3 85.3 85.5 6E 50001 34.3 25.0 85.7 £5.0 85.3 85.3 85.3 85.3 85.7 85.7 85.7 83.7 84.0 25.7 85.7 P5.7 4506| 24.3 4006| 34.3 3506| 24.7 84 .0 84 .3 84 .7 85.3 85.7 86.0 83.7 85.7 45.0 85.0 85.3 85.7 85.3 85.7 85.7 85.7 85.7 85.7 85.7 85.3 54.B 85.3 85.7 85.3 85.7 85.7 86.0 85.7 86.0 86.0 86.3 86 • 0 86 • 3 86.0 86.3 86.0 GΕ 86.0 86.0 86.0 86.3 86.3 86.3 300 CI 25.0 85.0 85.3 87.3 95.0 93.0 97.3 95.0 **6**E 25001 37.7 92.3 54 . D 54.3 94.7 94.7 95.D 95.0 95.0 95.0 94.7 95.0 99.3 99.7 99.7 59.0 59.3 59.3 99.3 99.7 99.7 58.7 99.3 99.7 99.3 99.7 G€ 200CI 38.0 96.3 99.7 99.7 95.7 99.7 99.7 99.7 99.7 GE GE 18001 28.0 150C1 38.0 97.3 58.7 100.0 100.0 100.0 100.0 100.0 100-0 100.0 7.40 CA . 7 00.1 99.7 100.0 100.0 100.0 100.0 100.0 100.0 GE 12001 38.0 97.3 99.3 99.7 99.7 100.0 100.0 96.3 58.7 99.7 100.0 100.0 100.0 100.0 100.0 10001 28-0 97.3 59.3 59.3 99.7 99.7 96.3 58.7 99.7 99.7 99.7 99.7 99.7 105.0 100.4 100.0 100.0 100.0 100.0 100.0 90C1 38.0 96.3 97.3 99.7 100.0 100.0 100.0 100.0 100-0 100.0 6E 6E 8001 38.8 7001 38.0 99.3 99.3 99.7 99.7 99.7 170.0 96.3 97.3 58.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 97.3 99.7 96.3 58.7 99.7 100.0 100.0 100.0 100.0 100.0 100-0 GE 6DC1 38.0 100.0 100.0 100.0 50C1 38.0 96.3 99.3 99.7 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 99.7 100.0 GE GE 40 CT 28.0 97.3 59.3 59.3 100.0 100.0 100.0 96.3 58.7 99.7 100.0 100.0 100.0 100.0 3001 28.0 99.7 96.3 58.7 99.7 100.0 100.0 100.0 100.0 G.F 18.0 58.7 58.7 59.3 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 190.0 1001 59.3 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100-0 100.0 C1 18-0 C.F 7.40 97.1 SA.7 CO . 3 90.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION	1 101	JPBER:	164530	STATE	DA NAME:	GELA	ITALY						OF REC			1500-11	OD.
E IL INE		• • • • • •	• • • • • • •	••••	• • • • • • • •	• • • • • •	** : ** * (HUNDRED			•••••	• • • • • • •	•••••	•••••	••••
IN	٠,	67	GE	GE	38	GE	6E	GE	6E	E£	GE GE	GE	GE	GE	Gξ	GE	3.0
FÉÉT	i	160	90	D8	60	48	• 0	35	24	50	16	15	10	8	5	. "4	0
				59.5	40.3	€0.2	6 C . 5		40.5	60.5	60.5	60.5	6 C • 5	60.5	60.5	60.5	60.5
CEIL	• •	40.7	59.2	27.5	60.2	€0 ,2	66.5	60.5	60.5	00.5	90.3	PD • 2	DC.3	00.3	60.5	60.3	64.5
2000	CI	20.6	62.2	62.6	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
1800			62.2	62.6	63.3	43.3	63.6	63.6	6 3 • 6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
1600			62.2	62.6	63.3	£3.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
3466			42.2	9.29	63.3	£3.3	63.6	63.6	63-6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
1200	001	29.3	64.6	65 -0	65.6	£5.6	66.0	66.0	66.0	66.0	66 . D	66.D	66.D	66.0	66.0	66.0	66.0
1000	130	10.6	71.8	72.4	13.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	72.5	73.5	73.5	73.5	73.5
		35.4	82.0	£3.3	84 . D	84 .0	84.4	84.4	84.4	84 .4	84.4	84.4	84.4	84.4	94.4	84 .4	24.4
808	100	25.9	82.3	83.7	84 .4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	P4.7	64.7	84.7
		35.9	82.3	83.7	24 . 4	4. 43	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
600	C	35.4	82.3	83.7	84.4	4. #5	84.7	84.7	64.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
500		35.4	82.3	83.7	84.4	24 .4	84.7	89.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
		25.9	82.3	83.7	84.4	24 .4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84 . 7	84.7
		35.4	82.3	83.7	84.4	84 .4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
		35.7	82.7	84-0	E4 . 7	24.7	85.0	85.0	85.0	85.0	65.0	85.0	85.0	85.D	85.0	85 • n	62.0
		36.1	86-1	87.4	68.4	4.83	88.8	88.8	88.8	86.8	88.8	84.8	88.8	88.8	AB-8	88.8	88.8
250		37.4	91.2	93.2	54.2	54 . 2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
		38.4	95.2	97.3	59.3	59.3	99.7	99.7	99.7	99.7	99.7	99.7	95.7	99.7	99.7	99.7	99.7
		38.4	95.2	97.3	59.3	59.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	-	28.4	95.2	97.3	59.3	59.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5
		38.4	95.2	97.3	59.3	59.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
															•		-
		38.4	95.2	97.3	59.3	59.7	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.8
		38.4	95.2	97.3	59 . 3	59.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 - 0	100 -0
	136		95.2	97.3	59.3	59.7	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	130		95.2	97.3	59.3	59.7	100-0	100.0	100.0	100.0	100.0	100.0	106.0	100.0	170.0	100.0	100.0
68	301	38.4	95.2	97.3	59.3	59.7	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
. 58	130	28.4	95.2	97.3	59.3	59.7	100.0	100.0	100.0	100.0	170.0	100.0	100.0	150.0	100-0	160.0	100.0
E 46	136	38.4	95.2	97.3	59.3	59.7	100.0	100.0	100.0	100.0	100 - 0	100.0	100.0	100.0	100.0	100.0	100.0
	101		95.2	97.3	59.3	59.7	106.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		38.4	95-2	97.3	59 - 3	59.7	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.9	100.0	100.0	100.0
16	130	38.4	95.2	97.3	99.3	59.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100-0	100.0
		38.9	95.2	97.3	59.3	59.7	100.0	100.0	100.0			100-0				100.0	100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF RECORD: 77-84 MONTH: DEC HOURSILST): 1800-2600 VISIBILITY IN MUNDREDS OF METERS CEILING IN GE U 160 61 6E 6 E GE GE 32 24 50 EE GE 6E 12 EF GΕ 90 80 48 60 16 10 Q NO CEIL 1 25.3 66.0 66.0 66.7 68.3 GE 2000C1 26.3 67.7 67.7 68.3 68.3 68.3 68.3 68.3 68.3 68.3 66.3 68.3 68.3 68.3 68.3 GE 1600 E 26.3 GE 1600 C 26.3 67.7 67.7 67.7 67.7 68.3 68.3 68.3 68.3 68.3 68.3 68.3 68.3 68.3 68.3 ER.3 t8.3 68.3 68.3 68.3 68.3 68.3 68.3 68.3 70.0 68.3 70.0 GΕ 150001 26.3 67.7 66.3 68.3 68.3 68.3 68.3 68.3 68.3 68.3 1200CI 27.0 70.0 70.0 70.0 70.0 70.0 70.0 76.0 70.0 70.0 70.0 70.0 6E 1800C1 29.7 77.7 78.3 79.D 79.0 79. D 79.0 79.0 79.0 79.0 79.0 75.0 79.0 79.0 79.0 79.D 65.7 87.7 87.7 86.0 98.0 88.0 900C| 30.7 84.0 85.0 87.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.D 68.O 6E 0.89 0.89 88. G 88.0 88.0 88.0 88.0 80.0 88.0 98.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 GE 600 GL 30-1 86.0 87.0 27.7 68.0 88.0 88.0 66.0 86.0 84.0 ... 88.0 88.0 88.0 8 6 .0 GE 50001 30-7 87.0 88.0 28.7 89.0 89.0 89.0 89.0 89.0 89.0 89.0 85.0 89.0 89.0 89.0 89.0 45001 30.7 87.0 87.0 28 • 7 68 • 7 25 • 7 89.0 89.0 89.0 89.0 GE 88.0 29.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 40001 30.7 35001 20.7 88.0 88.0 89.0 89.0 89.0 89.0 89.D 89.D G€ 89.0 6E 87.D 85.0 89.0 89.0 89.0 80.0 89.0 300 CJ 31.0 \$1.0 51.3 91.3 91.3 89.3 90.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 94.0 96.3 96.3 96.0 98.7 98.7 96.7 99.3 99.3 6E 6E 250Cf 31.3 57.0 97.D 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.D 97.0 59.7 59.7 99.7 99.7 99.7 20001 32.3 99.7 99.7 99.7 99.7 99.7 99.7 95.7 99.7 99.7 18ucl 22.3 99.7 99.7 6E 99.7 99.7 99.7 95.7 99.7 6E 15001 32-3 100.0 100.0 100.0 100.0 G€ 99.0 120 CT 32.3 96.3 59.7 1 00.0 100.0 100-0 100-0 100.0 100-0 100.0 100.0 100.0 100-0 100.0 GĒ 10001 32-3 96.3 96.3 99.0 99.0 99.7 59.7 100-0 100.0 100-0 100-0 100.0 100-0 100-0 100-0 100.0 100.0 160.D 100.0 90Cl 32.3 GE 1 00.0 100.0 100.0 100.0 140.0 100 -0 190.0 100-0 100.0 100.0 100.0 GE GE 80C1 32.3 96.3 99.0 59.7 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 169.0 100.0 100.0 99.0 7001 12.3 6001 12.3 96.3 59.7 100.0 100.0 100.0 100.0 100.0 1 00-0 100-0 100.0 100.D 100.0 Inc.o 100.0 GE 100.0 100-0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 GE 50C| 32.3 96.3 99.0 100.0 100.0 \$9.7 10.0 100-0 100.0 100.0 100.0 100.0 100.0 100-0 100-0 100.0 40G| 12.3 30C| 12.3 96.3 96.3 99 -0 99 -0 \$9.7 1 00 -0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE CE 100.0 100.0 100.0 106.0 100.0 2001 32.3 1001 32.3 99.0 \$9.7 \$9.7 1 to .0 100.0 100-0 100-0 100 · C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10C-0 100.0 100-0 100.0 100 • 0 100.0 100-0 100.0 100.0 100.0 100.0 GE c1 32.3 96.3 99.0 \$9.7 160.0 100.0 10g.g 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF GREENVATIONS: 300

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

STATION NUPBER: 164530 STATION NAME: GELA ITALY

MONTH: DEC HOURS(LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS CE IL ING 38 33 GΕ Œ €E GE ŒE 6E IN GE GĒ Gr G€ FEET 32 1 160 90 80 60 48 24 20 12 10 8 ٥ 46 NO CEIL 1 37-3 66.8 67.5 48.3 68.3 68.3 68.3 60.3 68.6 68.6 68.6 68.6 67.5 67.5 68.3 68.3 68.3 68.3 68.3 68.3 68.3 68.6 68.6 58.6 68.6 68.6 GE 2006 01 37.3 66.8 68.6 68.6 68.6 6E 1600C| 37.3 68.6 66.8 68.6 68.6 66.8 67.5 68.3 68.3 68.3 68.3 68.3 68.6 68.6 68.6 68.6 68.6 68.6 68.3 68.3 GE 1400C1 37.3 66.8 67.5 £8.3 68.3 68.6 68.6 68.6 68.6 68.6 68.6 68.6 68.6 69.7 69.7 76.4 83.0 85.2 76.8 83.9 85.6 6E 1000C1 75.3 76 .4 76.4 76.8 16.4 9000| 43.5 8700| 44.3 80.8 #1 +5 #3 +8 82.7 83.g 85.2 83.4 83.4 83.4 85.6 83.4 83.4 85.6 82 . 7 8 3. 0 83.4 8 3 .4 ĞΕ 85.6 £4.9 85.6 85.6 85.2 24.9 E4.9 85.6 85.6 85.6 85.6 85.6 R 5 .6 84.9 85.6 85.6 44.3 85.2 85.6 85.6 85.6 85.6 GE 50001 44.3 45001 44.3 82.7 82.7 50001 83.8 24.9 E4 . 9 85.2 85.2 85.2 45.6 85.6 85.6 85.6 85.6 84.9 85.2 38 6E 83.8 24.9 25.2 85.2 85.2 85.2 85.6 85.6 85.6 86.D P5.6 85.6 86.0 83.0 83.0 85.6 86.0 86.0 400Cl 44.3 84 .1 85.6 86 . D 86.0 86.0 86.0 84.1 35001 44.3 85.2 85.2 86.0 86.D 86 . n GE 85.6 85.6 66.0 86.0 86.0 86.0 86.0 30001 45.4 GĒ 25001 45.4 90.0 53.4 53.4 94.1 94.5 94.5 94.5 94.5 200 CT 47.2 180 CT 47.2 94.6 GE 96.3 58 . 2 \$8 .2 \$8 .2 98.5 98.5 98.5 98.5 99.3 99.6 99.6 99.6 99.6 99.6 99.6 99.6 96.3 58.2 99.6 99.6 95.6 99.6 99.6 99.6 99.6 GΕ 150C1 47.2 94.8 96.3 58.2 \$8.5 98.9 98.9 99.6 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.9 GE 12001 17.2 58 . 2 \$8.5 98. 9 99.6 100.0 100.0 100.0 100.0 100.0 94.6 96.3 100.0 100.0 100.0 10001 47.2 100.0 100.0 100.0 94.8 96.3 58.2 58.2 \$8.5 \$8.5 98.9 98.9 98.9 98.9 98.9 99.6 100.0 100.0 100.0 103.3 100.0 906| 47.2 806| 47.2 706| 47.2 99.6 100.0 94.8 96.3 100 . D 100.0 100.0 100.0 100.0 100.0 100-0 94.8 96.3 58 . 2 \$8.5 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 94.8 96.3 98.9 100.0 100.0 100.0 100.0 GΕ 6UC1 47.2 94.8 96.3 58.5 98.9 98.9 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.9 98.9 GE 5061 47.2 ... 96.3 58.2 18.5 98.9 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 40C| 47.2 30C| 47.2 20C| 47.2 94.8 96.3 58.2 58.2 99.6 58.5 58.5 98.9 98.9 100.0 100.0 100.0 100.0 GΕ 140.0 100-0 100.0 98.9 100.0 100.0 GE GE 100.0 100.0 100.0 100.0 100.0 99.6 58.5 98.9 100.0 100.0 100.0 100.0 94.A 96.3 58.2 100.0 100.0 10Cl 47.2 96.3 99.6 100.0 iro.o 94.8 98.2 98.9 100.0 100.0 100.0 100.0 58 -5 96.9 100.0 200.0 cl 47.2 94.8 96.3 98.2 58.5 98.9 98.9 99.6 6E 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 271

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY PERIOD OF PECORD: 77-86 MONTH: DEC HOURS(LST): ALL VISIGILITY IN HUNDREDS OF METERS
GE GE GE G Œ 6F GE GΕ 6 E Œ GE GΕ GΕ GΕ G€ FEET | 160 32 10 90 80 60 48 46 24 20 12 ū NO CEIL | 28.7 65.1 65.2 65.3 65.4 65.4 65.4 65.4 65.4 SE 2000C1 29.5 67.1 67.1 65.2 65.9 66.7 66.9 67.1 67.2 67.2 67.2 67.2 67.2 67.2 67.2 67.2 GE 180001 29.5 GE 1600C1 29.5 GE 1400C1 29.5 66 . 8 67.0 67.0 67.1 67.3 67.3 66.0 67.2 67.3 67.3 67.3 67.3 67.3 65.3 67.1 67.3 67.3 65.3 66.0 66 - 8 67.1 67.2 67.3 67.3 67.3 67.3 67.2 67.4 66.1 66 . 9 67.0 67.2 67.2 67.4 67.4 67.4 67.4 67.4 67.4 GE 1200 Cl 29.8 68.1 68.4 66.5 £8.2 68.5 68-6 68.6 68.6 66.6 SE 1000C1 32.9 74.6 75.5 16 .4 76.7 76.7 76.7 76.9 76.9 76.9 76.9 76.9 76.9 76.9 GE 90001 35.8 80001 36.2 82.6 84.1 84 . 7 86 . 3 85.4 87.0 85.4 87.0 85.4 85.4 85.4 87.0 85.4 87.0 83.7 £4.9 85.1 85.1 85.2 85.3 85.4 85.3 86 . 5 86 . 5 86.8 87.D 87.0 86.8 86.8 70001 26.2 84.2 86.3 86.8 86.8 87.0 87.0 87.0 87.0 87.0 600 CL 36.2 65 84.2 85.4 86 . 4 86 .6 86.8 86.8 86.9 87.1 87.1 87-1 87.1 87.1 87.1 27.1 500C1 36.2 450C1 36.2 400C1 36.2 GE 27.1 67.4 87.6 87.6 87.6 87.8 84.7 86.0 86.9 87.4 87.5 67.6 87.6 87.6 87.6 87.6 GE 67.1 67.2 67.3 87.6 84.7 86.0 66.9 87.D 87.4 87.4 87.5 87.6 87.6 87.6 87.6 87.6 87.8 84.9 87.5 87.6 87.5 87.6 87.6 87.7 87.8 67.8 87.8 350C| 36.3 86.2 87.9 87.9 87.9 90.2 300 C1 36.7 88.3 89.9 98.2 90.2 GE GE 25001 37.6 91.9 93.5 54.8 95 .0 95.3 95.3 95.5 95.6 95.7 95.7 95.7 95.7 95.7 95.7 95.7 58.4 99.5 200 CI 38.2 98 . 8 99•1 99•1 99.1 99.3 99.4 99.5 99.5 95.5 99.5 99.5 99.5 99.6 99.1 99.6 18gcl 38.2 95.D 96.7 98.4 58.8 99.4 99.6 99.6 99.6 99.5 99.6 99.6 100.0 GE 97.0 58.8 100.0 15001 38.2 95.3 59.2 99.6 99. R 100 0 100.0 100.0 100.0 100.0 100.0 120C1 18-2 100.0 100.0 100.0 170.0 100.0 59.2 59.2 59.2 100Ci 38.2 97.0 99.6 99.6 99.6 100.0 58.8 58.8 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.6 99.6 99.6 99.8 99.8 99.8 9001 38.2 8001 38.2 95.3 95.3 97.0 97.0 ĢĒ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 - 0 98.8 GE GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7001 38.2 95.3 97-0 58.8 100.0 100.0 100.0 100.0 GE 60 Cl 28.2 95.3 97.0 98 . 8 99.2 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 SUC1 38.2 97.0 99.6 99.6 99.6 99.6 GE 95.3 GB . B 59.2 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-6 99.2 99.2 58.8 58.8 38.2 1001 95.3 99.8 100.0 100.0 100.0 100.0 100 . n 100.0 100.0 100.0 97.0 100.0 GE 30C1 38.2 95.3 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 58.8 59.2 99.6 99.6 100.0 2061 95.3 97.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10C1 38.2 100.0 100.0 10C-0 58.8 100.0 100-0 GΕ CF 18.2 97.D 95.3 99.6 99.6 100.0 100.0 100.0 100.0 100-0 100.0 100.0 95.8

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

ST	ATION :	U PBER :	164530	STATI	ON NAME:	GELA	1 TAL Y					PEFIOD	OF PEC	ORD: 77	-87		
												HONTH	: ALL	HOURS	(LST):	ALL	
		• • • • • •	• • • • • • •		• • • • • • • •	• • • • •							• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
	IL ING									HUNDRED!							
		GT	€E	3 8	38	86	GE	6E	GE .	GE	GE	5£	EE	ĢE	GE	GE	GE
	ET .	160	90	80	60	48	40	52	24	50	16	12	10	6	5	•	0
•••	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • • •		•••••	•••••	•••••	•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••••
NO	CEIL	23.8	66.0	69.8	72.9	73.8	74.5	74.5	74-8	75.0	75.1	75.1	75.2	75.2	75.3	75.3	75.4
6E	2000 C	24.3	67.9	71.9	75 . ì	76.0	76.8	76.8	77.1	77.3	77.3	77.4	77.4	17.5	77.6	77.6	77.7
GE	18006	24.3	67.9	72.0	75 - 1	76 .0	76.8	76.5	77.1	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.7
GE	1600 C	24.3	67.9	72.0	75 - 1	76 . 1	76.8	76.9	77.1	77.3	77.4	77.5	71.5	77.5	77.6	77.7	77.7
GE	14000	24.3	67.9	72.0	75.1	76 . 1	76.8	76.9	77.2	77.3	77.4	77.5	71.5	77.6	77.6	77.7	77.7
GE	12000	24.5	68.8	72.9	76 - 1	77.0	77,8	77.8	78-1	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.7
GE	1000 C	26.1	74.7	79.1	82.5	83.5	84.3	84.4	84.7	84.9	85.0	85.0	85.1	85.1	85.Z	85.2	P5.3
GΕ		27.4	79.7	84.4	68.1	89.2	96.0	90.1	90.4	90 • 6	90.7	97.8	90.8	90.9	91.0	91.0	91.1
6€		27.6	80.2	85.0	88 - 7	69.8	9C.7	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.6	91.7	91.7
68	7000	27.6	90.2	85.0	88.7	8. 73	90.7	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.6	91.7	91.7
6Ē	600 C	27.6	80.2	85 eD	88.7	89.8	90.7	90.7	91-1	91.3	91.4	91.5	91.5	91.5	91.5	91.7	91.7
GE		27.6	81.1	85.8	89.5	90.6	91.5	91.5	91.9	92.1	92.2	92.3	92.3	92.4	92.5	92.5	92.5
6E		27.6	*1.1	85.8	19. 5	90 .6	91.5	91.5	91.9	92.1	92.2	92.3	92.3	92.4	92.5	92.5	92.6
ĢE		27.6	81.2	85.9	89.6	50.7	91.6	91.7	92.0	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.7
GE		27.7	81.3	86 .D	89.8	50.9	91.8	91.8	92.2	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.8
ΘE	3000	28.1	82.8	87.6	91.4	52.5	93.4	93.5	93.8	94.0	94.1	94.2	94.2	94.3	94.4	94.4	94.5
6E	250 C	28.5	85.3	90.3	54.3	95.4	96.4	96.4	96.8	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.5
GΕ	2000		97.0	92.2	56.4	57 -6	98.6	98.6	99.0	99.2	99.3	99.4	95.4	99.5	99.6	99.6	99.7
GΕ		28.8	P7.0	92.2	56.4	57.6	98.6	98.6	99.0	99.3	99.3	90.4	98.5	99.5	99.6	99.6	99.7
G€		28.8	87.1	92.3	56.5	57.7	96.7	98.8	99.2	99.4	99.5	99.6	95.6	99.7	99.8	99.8	99.9
GE	1200	28.8	87.1	92.3	96 • 5	\$7.7	98.8	98.8	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9
GΕ	100 C	28.8	87.1	92.3	56.5	57.8	98.8	98.8	99.2	99.4	09.5	99.6	95.7	99.7	99.8	99,6	99.9
G€	90 C	28.8	87.1	92.3	56.5	57.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9
GE		28.8	87.1	92.3	56.5	57.8	98.8	98.8	99.2	99.4	99.5	99.6	95.7	99.7	99.8	99.8	99.9
38		28.8	87.1	92.3	56.6	57.8	98.6	98.8	99.Z	99.4	99.5	99.6	95.7	99.7	99.8	99.8	99.9
GE	600	28.8	87.1	92.3	6 - 67	57.8	98.8	98.8	99.2	99.4	99.5	99.6	95.7	99.7	99.8	99.8	99.9
GE		20.5	87.1	92.3	96.6	\$7.8	98.8	98.8	99.2	99.4	99.5	99.6	95.7	99.7	99.8	99.8	99.9
GE		28.8	87-1	92.3	56 • 6	\$7.8	98.8	98,8	99.2	99.4	99.5	99.6	95.7	99.7	99.8	99.8	99.9
GE GE		28.8	87.1	92.3	56.6	\$7.8	98.8	98.8	99.2	99.4	99.5	99.6	95.7	99.7	99.8	99.8	99.9
G€		28.8	87.1	92.3	96 - 6	\$7.8	98.8	98.8	99.2	99.4	99.5	90.6	95.7	99.7	99.8	99+8	99.9
			87.1	92.3	56 - 6	\$7.8	98.8	98.8	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9
GE .	ים 	28.8	87.1	92.3	96 • 6	\$7.8 •••••	78.8	98.8	99.2	99.5	79.6	90.6	95.7	99.7	99.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF SKY COVER FROM HOURLY OBSERVATIONS

GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NOPBER:	104230	21 WITON M	AME: BE					MAL:HINOM		75-87		
FOURS (LST)) <u>1</u>	2					TOTAL SKY COVER		10	MEAN.	TOTAL
C0-02	31.	6 5.1	•••••	10.5	14.9	10.5	7.0	10.5	2.7	10.9	3. 9	256
C3-05	1 39	3 2.0		9. D	7.5	11.5	9.0	7.8	4.9	9.0	3.7	244
£6-0 8	1 23.	.9 6.1		12-5	12.5	7.5	10.0	8.5	7.5	11-1	4.4	260
(9-11	1 15	.4 7.7		11.9	11.9	10.2	7.0	10.5	12.3	12.6	5.1	285
12-14	1 7.	6 5 40		11.9	12.9	14.7	9.4	10.1	10.4	14.0	5 . 4	27R
15-17	1 10	.6 8 .1		12.4	12.0	9.9	12.0	14-1	8.1	12.7	5 • 3	263
18-20	1 14	.4 4,6		14.4	13.0	9.8	11.9	8.6	7.7	15.4	5.1	285
21-23	1 24	.8 5.3		12.8	11.0	11.7	8 • 9	8.5	5.D	12.1	4.3	282
TCTALS	1 21	.0 6.0		11.9	11.5	10.7	9.4	10.€	7.3	12.2	4.7	2193

STATION NUFBER:	164530	STATION N	AME: GE	LA ITALY				PEPIOD Nonth		cord:	78-87		
FOURS (LST)		D 1	2	PERCENTAGE 3	FREQUI	ENCY OF	TENTHS OF	TOTAL SKY	COVER 8	9	10	HEAN	TOTAL 085
(O-D2] 31	4.6	• • • • • • •	7.9	9.1	10.0	7.5	*********	9.5	2.9	14.5	4.1	241
C 3-05	1 3	5.1 1.4		10-8	14.4	8 - 1	6.8		9.0	5•Q	13.5	4.1	222
6-08	1 2	2.7 4.0		10.8	9.2	11.6	7.6		13.5	7.2	13.5	4 . 6	251
(9-11	1 1	4.3 8.1		10.8	14.3	9.7	8 - 1		10.4	8.9	15.4	5 • 1	259
12-14	1	3.3 6.1		11.7	14.4	12.5	10.6		15.2	8.0	13.3	5.5	264
15-17	1	6.4 4.9		11.3	12.0	13.2	15.4		13.5	10.5	12.4	5. ٤	266
18~20	1 1	1.0 1.5		16.6	14.3	12.5	9.8		9.4	8.7	16,2	5.3	265
∠1~23	1 2	2.5 2.8		8.8	15.3	10.4	10.0		10.C	5.6	14.5	4.6	249
TCTALS	1 1	9.7 4.6	•••••	10.3	12.4	11.0	9.5		11.4	7-1	14.2	4.5	2017

GLOBAL CLIPATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SMY COVER FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

AIR WEATHER SERVICE/MAC

STATION NUMBER: 16453C STATION NAME: GELA ITALY

							MONTH: M	IR			
FOURS (1	PERCENTA 2 3	GE FREQUI	ENCY OF 1	ENTHS OF	TOTAL SKY CO	iER 9	10	MEAN	OR2 LO14F
CD-02	18.6	1.5	7,9	9.0	9.4	9.G	9.	5.2	11.2	3.9	267
C3-05	41.9	2.3	9.3	6.6	8.1	8.5	7.0	7.0	8.9	3.6	258
(6-08	25.7	6 -4	10-4	11.4	8 • 2	8.6	10.	8.6	10.0	4.4	2 8 0
[9-11	22.8	€ •0	10.7	9.3	11.7	8.5	11.	5.7	13.5	4.1	281
12-14	12.4	ē •2	10.3	14.1	13.4	7.6	12.4	7.2	14.4	5.2	291
15-17	9.5	7.1	8.8	15.9	13.4	6.4	14.	10.2	14.5	5.5	283
18-50 (14-9	5 •9	9.4	11-1	10.4	13.5	11.	10.4	13.2	5 . 3	288
51-53	31-1	4 .2	14.3	9.1	10.5	6.6	6.0	5.6	11.9	4.6	266
TCTALS (24.6	5 • 2	1C-1	10.8	10.6	8 - 6	10.	7.5	12.2	4.6	2234

STATION NUPBER:	16453	E 51	TATION NAME:	GELA ITALY				PERIOD OF RE	CORD:	79-87		
FOURS (LST)		0	1	PERCENTAGE 2 3	FREQU	ENCY OF	TENTHS OF	TOTAL SKY COVER	9	10	MEAN	TOTAL
CO-02	1	49.2	2.8	7,5	9.1	8-7	6.7	7.5	4.4	3.6	2.6	252
C3-05	1	46.5	2 •1	7. 1	7.1	12.4	6.2	8.7	4.6	5.4	3.2	241
C6-D8	i	31.9	4.9	9.5	7.4	10.2	11.6	9 - 1	5.6	9.8	4.6	285
19-11	1	23.6	7.4	9-9	12.7	9.5	8.8	8.1	8.5	11.6	4.5	284
17-14	ſ	17.6	7.9	11.2	13.3	10-4	8 • 6	10.4	8.6	11.9	4 • c	278
15-17	1	17.2	£ .8	11.8	11.8	10.4	11.1	11.8	9.0	10.0	4.6	279
18-2 ₀	1	22.5	6 -0	7• 7	13.7	11.9	13.0	11.2	4.2	9.8	4.5	285
21-23	1 .	40.2	3.8	16.6	10-2	9 - 1	6 - 4	8.0	4.5	7.2	3.4	264
TCTALS	1	5141	5 +2	9.4	10.7	10.3	9.1	9.0	6.2	8.7	4.0	2168

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOWELY OBSERVATIONS

PERIOD OF RECORD: MONTH: MAY

STATION NUMBER: 16453C STATION NAME: GELA ITALY

FOURS (LST)	c	1	PERC 2	EN TAGE	FREQUE	NCY OF TI				9	10	MERN	TOTAL
CO-02	58.8	1.2	••••••	7.8	7.1	5.5	3.9	•••••	6. !	5-1	4.3	2.4	255
C3-O5	60.9			5.0	7.1	6.3	5.9		5.5	3.8	5.0	2.4	238
C6-08	47.6	3.5		8.4	6.6	6.6	5 • 2		7.1	6.6	7.7	3.4	266
C9-11 i	37.6	7.9	1	D. D	9.6	6.2	7.9		4.5	7.2	8.9	3.4	291
12-14	72.3	11.0	1	6-6	11.3	10.6	5.7		9.5	5.7	7.1	3.9	263
15-17	22.6	12.0	1	4.8	10.2	9.5	9.5		7.4	6.7	7.1	3. 4	283
18-20	32.2	6.3		8. 4	11.5	13.3	8-4		8.7	4.2	7.0	3 . 7	256
21-23	51.2	2 •0	1	0.3	7.5	7,9	7.5		4 . 8	4.0	4.8	2.1	252
T CTALS	41.7	5.5	1	0-2	8.9	8.2	6.8	,	6.5	5 - 4	6 - 5	3.2	2174
	(LST) CO-O2 C3-O5 C6-O8 C9-11 12-14 15-17 18-20 21-23	(LST) C (CO-O2 58.8 (3-O5 60.9 (6-O8 47.6 (9-11 37.8 12-14 22.3 15-17 22.6 18-20 32.2 21-23 51.2	CO-O2 58.8 1.2 C3-O5 60.9 C6-O8 47.6 3.5 C9-II 37.8 7.9 12-14 72.3 11.0 15-17 22.6 12.0 18-20 32.2 6.3 21-23 51.2 2.0	FOURS C 1 2 CO-D2 58.8 1.2 C3-O5 60.9 C6-O8 47.6 3.5 C9-11 37.8 7.9 1 12-14 72.3 11.0 1 15-17 22.6 12.0 1 18-20 32.2 6.3 21-23 51.2 2.0 1	FOURS C	FOURS C	FOURS C	PERCENTAGE FREQUENCY OF TENTHS OF POURS 1	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL S FOURS 1	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER POURS 1	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 1LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 1657)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 11.5T

PERIOD OF PECOPD: 78-87 MONTH: JLN STATION NUPBER: 164530 STATION NAME: GELA ITALY

+OUR'S	• • • •	••••••	• • • • • • •	•••••	PERCENTAGE	FREQUE	CY OF T	ENTHS OF	TOTAL S	KY COVER	• • • • • •	• • • • • • •	• • • • • • • • •	10146
(LST)	•	0	1	2	3	•	5	6	?	8	9	10	MEAN	ORZ
CO-05	i	76.D	1.1	•••••	7,2	6-1	4.6	2.7	•••••	• • • • • • • • •	1.1	1.1	1.1	263
C3-05	1	75.5	3 •2		5-1	5.9	4 . D	2 • 8		. •	1.6	1.6	1 - 1	253
6-08	J	63.9	3 •2		6.8	5.0	4.6	8-6		3.5	1.8	2.1	1.5	280
(9-11	ı	57.4	€.7		10.6	6.4	6.7	2 • 5		4 • €	1.4	3.5	2.6	287
12-14	ı	43.7	1 C .6		15.8	10.2	8.1	4.6		2.5	2.5	2.1	2 • 5	284
15-17	ı	38.5	11.4		15.4	13.9	6.2	3.7		7.7	2.6	. 7	2.6	213
16-20	ı	50.4	5 •6		12.5	8.8	6.3	6.3		4 • 8	1.1	-4	2 • 6	212
21-23	1	67.5	4.4		9.6	7.7	5.9	1.5		2 • 2	.7	.4	1 . 3	271
TCTALS	1	59.1	6.3		16.4	6.0	5.8	4.1		3 . ?	1.6	1.5	1.8	2178

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: STATION NUMBER: 164530 STATION NAME: GELA ITALY 78-87

										, MON1	H: JLL				
	PS T)		0	1	? ?	PERCENTAGI	FREQUE!	NCY OF T	ENTHS OF	TOTAL SE	Y COVER	9	10	MEAN	ORZ IOLVF
-07	02	;	90.6		• • • • • •	3.4	1-1	2.6	1.1	• • • • • • • •	1.1	• • • • • • •	••••••	. 4	265
C 3-	05	1	90.3	.8		2.4	1.2	3.6			• 8	- 4	. 4	• 5	247
C6-	0.6	ł .	85.8	2 -1		3.6	2.5	1.8	1.8		1.1	. 7	. 7	. 6	281
(9 -	11	1	81.4	5 •6		6.0	2.6	1.8	. 7			. 7	1.1	. 6	285
12-	14	1	67.8	11.9		9 • 8	4.4	3 - 1	2.0		. 3		.7	1.0	295
15-	17	1	63.4	11.8		11.5	5.2	3.8	1.7		1.0	1.4		1.4	287
18-	20	1	68.1	5 . 5		9.1	6.3	2.1	2.5		3.6	.4	.4	1.1	285
21-	23	1	83.1	3 ,6		6.8	1 - 8	2.9	1.1		. 7			. 6	278
TCTA	LS	1	78.8	£ .7		6.6	3.2	2.7	1.4		. 5	. 5	.4	. 8	2223

STATION NUPBER:	164530	STATION	NAME: GI	ELA JTALY				PERIOD Month		COPO:	78-87		
FOURS (LST)		7 1	2	pERCENTAGE 3	FREQUEN	CY OF	TENTHS OF	TOTAL SKY 7	COVER 8	9	10	MEAL	TOTAL OBS
CO-02	1 84	8 1	5	4,5	3.8	2.7	1.5	• • • • • • • • • •	. 8	•••••	.4	. 6	264
C3-05	1 85	.8 .	8	4.1	2.8	4.1	. 4		2.0			• 6	246
C6~08	1 69	. 3	5	10.2	5.3	4.9	2.5		3 • 2	. 7	. 6	1.3	283
[9-11	1 62	.9 11,	z	9. 9	6.5	2.0	2.4		3 - 4	1.7		1 . 3	294
12-14	1 55	.7 13.	š.	11.3	6.5	4 . B	4.5		2.4	1.4	• 3	1.0	291
15-17	1 56	-1 11	•	13.5	6.9	3.8	2.4		4,2	1.4	• 3	1.6	269
18-20	1 59	•0 1C	0	9.6	9.6	5.3	4.6		2.1	. 7		1.6	781
21-23	1 75	.7 3.	7	9.6	5.9	3.3	1.5		. 4			٤ .	212
TCTALS	1 68	•5 £	9	9.1	5.9	3.9	2.5		2.1	.7	• 2	1 - 2	2220

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86

MONTH: SEP

PERCENTAGE FREQUENCY OF TENHAS OF TOTAL SKY COVER

••••••••••	••••••	• • • • • • • •	• • • • • •	PERCENTAGE	FREQUEN	CY OF	TENTHS OF	TOTAL	KY COVER	•••••	••••••	••••••	
FOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	OBS
CO-02	68.4	3 -4	•••••	7.2	7.2	3.8	2.3	•••••	4.5	. 4	2.3	1.5	263
C3-05	66.1	2 -1		11.3	7.1	4.6	2.1		4.2	1.7	. 8	1.6	239
96-82	49.8	£ .8		11.5	7.5	7.5	7.5		4.7	2 • 2	2.5	2.4	279
C9-11	44.6	11.2		14.4	8.4	3.2	7.0		5.6	4.2	1.4	2.4	285
12-14 (29.1	14.4		15-4	15.1	8.4	5.6		6.3	2.1	3.5	3.L	285
15-17	25.6	17-1		14.9	13.2	9.3	5.0		7.5	2.5	5.0	3. 4	281
18-20	30.4	12.5		10.7	13.2	9.3	9.3		7.5	3.2	3.9	3.3	280
21-23 1	95.2	6 •6		13.9	11.6	8.9	5.0		6 • 2	1.5	1.2	2 • 4	520
TCTALS 1	44,9	9 - 3		12.4	10.4	6.9	5.5		5.9	2.2	2.6	2.5	2171

STATION NUPBER:	164530	STA	TION NAME:	GEL	A ITALY				PERIOD Month		CORD:	17-86		
FOURS (LST)		o	1	2	PERCENTAGE 3	FREQU	ENCY OF	TENTHS OF	TOTAL SKY	COVER	9	nı	MEAN	TOTAL OBS
C0-05	5	3.6	1.9	••••	9, 1	10.6	8.7	6.4	•••••	4.2	4.2	4.5	2.7	265
¢3-05	1 4	7.3	3 • 3		10.8	11.2	8.7	7.1		5.4	2.5	3 • 7	2.7	241
(6-08	1 2	8.4	8 • 3		12.2	12.2	10.8	9.0		9.4	4.7	5.0	3 • 7	278
(9-11	l z	7.6	12.7		11.3	13.8	4.9	8.5		9.5	6.0	5.7	3.6	283
12-14	1	2.6	16.4		17.4	16.4	9.6	10.2		7.5	5.8	4.1	4 • C	293
15-17	1 1	1.0	13.6		15.4	14.0	11.1	10.8		to.E	6 - 1	4 • 3	4.2	279
18-20	1 2	1.3	7.7		11.9	12.6	14.0	10.5		10-1	7.0	4.9	4.4	286
21-23	1 3	5.2	5 -6		1 G. 5	13.9	12.0	6.7		7.5	4.9	3.4	3 . 3	267
TCTALS	į 2	9.6	6.7		12.3	13.1	10.0	8.7		8 - 1	5.2	4.5	3.6	2192

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SHY COVERFROM HOURLY OBSERVATIONS

GLOBAL CLIPATOLOGY BRANCH USAFETA C AIR WEATHER SERVICE/MAC

STATION NUPBER:	164530	S T AT	ION NAME:	GELA ITALY				PEPIOD OF RE Month: NCV	CORD:	77-86		
FOURS		n	1	PERCENT 2 3	AGE FREQUE	NCY OF 1	ENTHS OF	TOTAL SKY COVER	9	10	HEAN	TOTAL OBS
co-02	3	1.2	4.1	10.7	11.5	9.5	5.8	11.5	4.i	8.2	3.6	243
C3-05	1 30	6.7	7.1	10.4	9.6	8.8	7.5	7.5	5.0	7.1	3.4	240
C6-08	1 2	4.3	5.7	15.6	13.3	8.7	8.7	9.1	4.9	9.5	4.1	263
(9-11	1 1	9.3	0.5	11.6	12-4	8.7	11.3	11•€	9.5	7,6	4.6	275
12-14	t	8.9	9 .2	15.9	11-1	13.3	9.2	10.3	10.0	12.2	5.4	271
15-17	j 1	1 - 6	7.6	9.8	11-6	13.4	13.8	14-1	10-1	8.0	5.2	276
16-20	1 2	2 • 6	7.5	12.9	9.7	10.4	7.2	10.0	9.3	10.4	4.5	219
21-23	1 3	2 • 3	2 -6	12.6	12.3	8.9	7.1	8.5	4.8	10.4	4.0	269
TCTALS	1 2	3.7	6 -5	12.4	11.4	10.2	6.8	10.5	7.2	9.2	4,4	2116

STATION NUPBER:	164530	STATI	ON NAME:	GELA ITALY				PERIOD OF REG	ORD:	77-86		
••••••	• • • • • •	••••	• • • • • • • • • •	PERCENTA	GE FREQUE	NEY OF	TENTHS OF	TOTAL SKY COVER	• • • • • • •	• • • • • • •	•••••	• • • • • • •
FOURS (LST)		0	1	2 3	4	5	6	7 8	٠	10	MEAN	ORZ
co-02	1	6.0	3.8	9,5	11.4	10.6	7.6	8.0	4.9	8.3	3. 7	264
C3-05	1 3	8.6	1 -6	10.4	8.4	12.9	7.2	8 • 8	6.4	5.6	3.6	249
Ç6~08	1 2	8.8	4.9	9.1	13.3	10.9	10.9	7.4	7.0	7.7	4.0	285
C9-11	1 1	8.7	6.7	7.8	11.3	11.7	7.9	12.0	8 • 5	13.4	5.4	263
12-14	1 1	1.6	6 .5	12.0	12.7	15-1	9.9	7.5	9.9	14.4	5.2	292
15~17	1 1	0.0	5 •2	17.6	12.5	12.5	10.4	12.5	6 • 6	12.8	\$. č	289
18-20	1 2	2.0	£ •9	12.7	13.7	10.3	8.9	10.7	5.8	8.9	4 - 3	291
21-23	1 3	11.4	2.2	13.3	11.1	10.0	9.4	9.6	3.3	9.6	4 • D	271
TCTALS	1 2	4.6	4.7	11.6	11.8	11.6	9.3	9.6	6.6	10.1	4.4	2224

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-87 MONTH: ALL STATION NUPBER: 16453C STATION NAME: GELA ITALY

															
	FOURS	,				PERCENTAGE	FREOUE	NCY OF	ENTHS OF	TOTAL S	KY COVER		•••••	•••••	TOTAL
	(LST)	1	0	1	2	3	•	5	6	7	8	9	10	MEAN	OBS
JAN	ALL	ï	21.0	£ •0	••••	11.9	11.5	10.7	9.4	•••••	10-0	7.3	12.2	4.7	2193
FEB		ı	19.7	4 .6		10-3	12.4	11.8	9.5		11.4	7.1	14.2	4.9	2017
MAR		1	24.6	5 •2		10-1	10.8	10-6	8.6		10.3	7.5	12.2	4.6	2234
APR		1	31.1	5 •2		9.4	10.7	10.3	9.1		9.4	6 • 2	8.7	4.6	2168
MAY		1	41.7	5 •5		10.2	8.9	8.2	6.8		6.5	5.4	6.5	3 • ∠	2174
JUN		1	59.1	€.3		10-4	8.0	5.8	4.1		3.2	1-6	1.5	1.6	2178
JUL		ı	78.8	5.7		6-6	3.2	2 • 7	1.4		. 5	•5	.4	• 8	2223
AUG		1	68.5	6.9		9.1	5.9	3.9	2.5		2 • 1	. 7	•2	1 • 4	2220
SEP		1	44.9	9.3		12-4	10.4	6.9	5.5		5.5	2 • 2	2.6	2 • 5	2171
001		1	29.6	8.7		12.3	13.1	10-0	8.7		8.1	5 • 2	4.5	3 • 6	2192
MOA		ŀ	23.7	6 -5		12.4	11.4	10.2	8 - 8		10.5	7.2	9.2	4 - 4	2116
DEC		1	24.6	4.7		11.6	11.8	11.8	9.3		9.6	6.6	10-1	4.4	2224
	T CTAL S	ı	28.9	t . 2		16.6	9.8	8.5	7.0		7.4	4.8	6.9	3 • 3	76110
•••••	••••••	• • •	••••••	• • • • • • • •	••••	• • • • • • • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •	••••••	•••••	• • • • • • • •

RPGRRAPR RRRAPRRR PR RR RR RR RR RRRARRR RPGRRAPR RG RR RR RR RR RR RR RR RR RR RR RR RR RR RR RR RR RR RR RR AA AA AA

TEMPERATURE AND RELATIVE HUMIDITY SUMMARTES

CUMULATIVE PERCENTAGE FREQUUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FARREMETT INCREMENTS PLUS THE MEAN, STAND DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEUREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERF SELECTEU BY SCANAING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FORE OR HURE COMPLETE MONTHS APE REQUIRED FOR COMPUTING

EXTREPE MAXIMUM AND MINIMUM VALUES

CATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY ORSERVATIONS.

FRESENTED ARE THE HIGHEST CLOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

PEANS AND STANDARD DEVIATIONS FOR DRY BULP (WET BILB AND DEW POTAT) TEMPERATURES

CATA DERIVED FROM HOURLY OPSERVATIONS.

EATA PRESENTED BY THE STARDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANTUALLY FALL YEARS COMBINED.

FRESENTED ARE MEANS. STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREGUENCY OF OCCUPRENCE OF PELATIVE HUMTDITY

TATA DERIVED FROM HOURLY ORSERVATIONS.

SUMMARTZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PEPCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OPSERVATION COUNTS.

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOU OF RECORD: 77-87

LST		JAN	FEB	MA R	APR	MAY	JUN	JUL	AU G	SEP	OCT	NOV	LEC	ANA
00-02) PEAR 1	51.2 4.353 256	51.4 3.957 236	52.9 4.134 263	56.1 3.352 249	62.5 3.998 253	69.4 3.765 262	73.7 3.510 265	75.4 2.860 260	72.3 3.227 261	66.2 4.035 260	59.7 4.273 239	54.4 4.101 262	62.2 9.511 3066
n3-05	PEAR SD TCT CBS	49.6 4.526 241	4 9. 6 3 . 94 3 22 D	50 . 7 4 . 3 3 4 2 5 5	54.0 3.918 239	60-1 4-184 237	67.1 4.298 250	71.1 3.636 246	72.8 3.152 242	69.8 3.449 238	63.9 3.932 236	58.0 4.567 233	52.4 4.248 246	60.0 9.325 2863
06-08	PEAN I So I Tot cost	49.0 4.791 277	49.4 4.433 251	50 - 1 4 - 6 73 2 78	53.3 4.449 285	60.2 4.453 284	67.5 4.469 278	71.1 3.624 279	71.9 3.092 280	68.6 3.684 277	63.4 4.325 273	57.1 4.713 260	11.9 4.597 285	59.5 9.468 33C7
09-11	TCT CBS	51-1 4-210 282	52.4 3.827 255	55 • 2 4 • 1 32 2 80	59.6 4.032 283	65.6 4.562 291	71 - 8 4 - 41 8 27 9	75.7 3.775 263	77.0 3.360 289	74.8 3.385 285	69.0 3.987 280	61.2 4.369 273	54.4 4.156 281	64.1 10.019 3361
12-14	PEAN I SD I ITCT CBS!	55.9 3.724 278	56.3 3.679 262	57 • 7 3 • 7 14 287	60.9 4.151 275	66.6 4.364 278	72.4 4.298 280	76.8 4.098 292	78.3 3.578 287	76.6 3.323 282	71.5 3.737 291	64.9 4.243 271	58.9 3.715 290	66.5 9.019 3373
15-17	REAR I	55•6 3•632 275	56.0 3,278 263	57.4 3.557 283	61.0 3.741 278	66.4 4.099 277	72.5 4.250 272	77.D 4.005 285	78.3 3.338 284	76.0 3.387 276	70.7 3.735 277	64.3 3.839 272	58.8 3.504 283	66.2 8.973 3325
18-20	ITOT CBS	53.6 3.876 285	5 4 . 3 3 . 34 4 26 4	56 .2 3.761 286	59.8 3.627 283	66.D 3.956 283	72.3 4.239 268	76.6 3.766 281	77.6 3.373 279	74.8 3.371 276	69.0 3.632 282	61.9 4.091 278	16.6 3,397 294	64.9 9.363 3349
21-23	ltet ebsi	51.2 4.255 278	52.1 3.809 247	53.6 3.877 284	57.2 3.490 262	63.9 3.666 252	71.0 3.812 269	75.1 3.349 274	76.5 3.048 270	73.2 3.312 255	66.6 3.954 264	59.8 4.173 267	54.5 3.801 270	62.9 9.762 31 ⁵ 2
ALL	PEAR I	52.2 4.825 2172	52.8 4.521 1998	54.3 4.837 2216	57.8 4.793 2154	64.0 4.878 2155	70.5 4.685 2158	74.7 4.376 2205	76.0 3.953 2191	73.4 4.304 2150	67.7 4.813 2163	60.9 4.996 2093	55.3 4.676 2201	63.4 9.752 25856

WEI-BULB TEMPERATURES DEG F FPOM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

IRS St	STATS I	MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ſĘĊ	ANA
021	MEAR I	48.6	49.0	49.9 4.279	52.9 3.303	58•4 3•724	64.4 3.702	69.Q 3.541	70.7 3.558	67.7 3.714	62.7 4.330	57.1 4.679	51.9 4.243	8.818 56.6
- 13	TOT CBS!	256	235	263	249	252	261	263	259	261	\$60	238	259	3056
· i	PEAN I	47.0	47.3	94.1	50.B	56.0	62.0	66.0	67.8	65.4	60.7	55.4	49.9	56.4
051	SD I	4.651	4.175	4.033	3.469	3.664	3.689	3.705	3.560	3.762	4.241	4.924	4.393	8.477
	TOT CBS!		21 9	255	2 38	234	250	240	239	. 232	235	232	244	2859
	PEAN 1	46.5	47.1	47.4	58.4	55.9	61.7	65.3	67.0	64.6	60.4	54.7	49.4	55.9
180	SD	4.912	4.322	4.248	3.810	3.600	3.838	3.777	3.574	3.638	4.287	4.975	4.539	6.464
11	TCT CBS!	276	24 9	277	284	281	278	274	278	274	273	258	282	32 {4
•••	PEAN I	48.2	49.4	50.8	54.4	6n.1	66.1	70.2	71.5	68.8	63.7	57.	51.4	59.4
111	SD 1	4.347	3.876	3.975	3.411	3.314	3.202	3.354	3.037	3.712	4-102	4.541	4.259	9.044
- 11	CT CBS	281	254	2 80	285	290	278	282	285	285	276	271	281	3 3 45
· · · ·	MEAR 1	51.3	51.9	52.8	56.0	61.8	67.9	72.2	73.8	71-1	65•7	59.8		61.7
14Í	SD I	4.430	4 - 162	3.898	3.623	3.201	3.235	3.472	3.317	3.483	4.336	4.713	4.009	8 . 8 56
	T CT CBS !		1 95	287	274	276	278	289	286	. 278	290	270	294	3 3 14
	PEAR I	51.1	52.0	52.8	56.4	62.0	68.0	72.8	74.0	71.2	65.6	59.9	54.5	61.8
171	SO	4.491	4.029	4.045	J. 401	3.275	3.469	3.540	3.222	3,625	4 - 372	4.641	3.966	9.062
1	TCT CBSI	273	25.8	283	217	275	269	283	283	276	275	269	293	3 3 (4
•••	PEAN Î	5 0. i	51.0	52.2	55.8	61.5	67.6	72.2	73.3	70.6	65.D	58.6	53.3	60.9
201	SD I	4.608	4.110	4.311	3.497	3.356	3.379	3.523	3.389	3.700	4.433	4.943	4.119	9.148
1	TCT CASI	283	26 4	283	281	283	265	277	275	, 276	281	276	284	3 3 28
٠٠;	PEAA I	48.3	47.4	50 • 2	53.6	59.7	66.1	70.7	72.0	68.8	63.0	57.0	51.7	59.2
	SD 1	4.553	4 - 137	4.049	3.594	3,498	3-614	3.739	3.698	3.894	4.511	4.672	4.121	9.258
-	TCT CBS	275	24 5	285	260	251	268	270	269	252	263	266	267	3169
	PEAR I	40.9	49.7	50.6	53.8	59.5	65.5	69.9	71.3	68.6	63.5	57.6	£2.1	59.3
LÍ	SD 1	4.857	4 - 48 8	4.516	4.124	4.145	4.231	4.443	4.206	4.365	4.746	5.061	4.559	9 . 1 42
0 < 1	rer cest	2161	1 98 5	2211	2145	2142	2147	2178	2174	2134	2153	2080	2189	25659

DEW-FOINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

HEANS AND STANDARD DEVIATIONS

GLOBAL CLIPATOLOEY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

HOURS! STATS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	0CT	NOV	(EC	A N A
PEAR	45.8	46.7	47.ü	50-1	55.3	61.2	66.4	68 • I	65.1	60.3	55.1	49.7	56 •0
DO-D21 SD	5.825	5.304	5.701	4-344	4.744	5.264	4.763	5 • 1 • 2	4.931	5.341	5.611	5.166	9 • 3 66
ITGT CBS	256	235	263	249	252	261	263	25 9	261	260	238	259	30 56
1 PEAN	94.3	44.9	45.6	48.1	52.7	58-6	63.0	65.0	62.8	58.5	53.3	47.6	53.7
03-051 SD	5.848	5.236	4.851	4.119	4.274	4-856	5.053	5.045	4.872	5.075	5.930	5.360	8.9C3
11 CT CBS1	241	219	255	238	234	250	240	239	232	235	232	244	2859
D6-D8 SD 1	43.8	44.8	44 •7	47.7	52.4	57.6	61.7	64.2	62.0	58.3	52.6	47.2	53-1
	6.148	5.267	4•892	4.361	4.218	5.335	5.215	5.091	4.598	5.003	5.935	5.373	8-8(u
	276	249	277	284	281	278	274	278	274	273	258	282	32 ⁶ 4
D9-11 SO TCT CBS!	45.2 5.520 281	46.4 4.935 254	46.7 5.375 280	50 -0 4 - 626 282	56.1 4.708 290	62.7 4.771 278	67,3 4,468 282	68.8 4.040 285	65.4 5.060 285	60.3 5.201 276	54.6 5.409 271	48.8 5.091 281	56.1 9.615 3345
MEAA	47.0	47.8	48.4	52.0	58.4	65.3	69.9	71.7	68.3	62.2	55.9	50.4	58.2
12-14 SD	6.687	6.136	6.072	5.037	4.589	4.058	3.956	3.749	4.617	5.990	6.233	5.560	10.260
17 CT CBS	276	261	287	274	276	278	289	286	278	290	270	289	3354
1 PEAR	46.8	48.3	48.5	52.6	59.0	65.6	70.8	72.0	68.8	62.8	56.6	50.7	58 - 6
15-17 SD	7.660	6.660	6.552	4.773	4.324	3.912	4.124	3.751	4.669	5.838	6.399	5.887	1D - 415
TOT CRS	273	258	283	277	275	269	283	283	276	275	269	283	33(4
PEAN	46,6	48.0	48.4	52.5	58.3	64.8	69.9	71 - 2	64.3	62.5	56.0	10.4	56.0
18-20 SD	6-681	5.933	6.463	4.89 ₂	5.203	4.724	4.887	4 - 5 9 0	5.045	5.923	6.461	5.710	10.309
TCT CBS	283	264	283	281	283	265	277	2 7 5	276	281	276	284	3376
PEAA	45.4	96.8	47.1	50.6	56.6	63.1	68.4	69.6	66.3	60.4	54.9	49.2	56.5
21-23 SD	6.054	5.408	5.609	4.751	4.721	5.399	5.080	5.419	5.109	5.781	5.648	5.317	10.066
TCT CBS	275	245	283	260	251	268	270	269	252	263	266	267	3169
MEAA	45.6	46.8	47.1	50.5	56.2	62.4	67.3	68.9	66.0	60-7	54.9	49.3	56 +3
ALL SD	6.338	5.691	5.873	4.953	5.174	5.579	5.629	5.386	5.412	5-766	6.095	5.575	9 + 9 48
Hoursitet cbsi	2161	1985	2211	2145	2142	2147	7178	2174	2134	2153	2080	2189	25 6 5 9

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUNIDITY

STATION NUPBER: 164530 STATION NAME: GELA 1TALY PERIOD OF RECORD: 79-87 MONTH: JAN PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN MONTH! HOURS! I HEAN I TOTAL I IRELATIVE! NUM I OBS J 464 501 602 702 803 902 JAN CD-C2 i 100.0 100.0 100.0 98.6 97.3 21.9 82.0 25€ 100.0 88.7 58.2 96.7 63-65 100.0 100.0 100.0 100.0 99.6 88.4 58.9 21.2 82.3 241 C6-C8 100.0 99.3 88.4 22.5 100.0 100.0 100.0 96.0 61.6 82.7 276 C9-11 100.0 100.0 100.0 100.0 99.3 96.8 85.4 50.5 12.8 80.2 281 12-14 100-0 100.0 100.0 98.6 95.7 82.6 62.3 28.6 6.5 72.9 276 15-17 100.0 99.6 98.2 94.1 81.7 63.4 33.3 7.0 73.4 273 100.0 18-20 100.0 100.0 100.0 99.3 96.8 77.8 283 92.6 75.6 45.2 13.8 21-23 1 co. c 100 - 0 100.0 99.6 98.5 95.3 84.4 54.5 19.3 80.9 275 IT CTALS ! 100.0 100.0 100.0 99.5 97.8 92.4 79.6 48.9 15.6 79.0 2161

ITOTALS I

100.0

100.0

100.0

99.9

98.8

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

80.6

1985

STATION NUPBER: 164530 STATION NAME: GELA ITALY PEPIOD OF RECORD: 78-87 MONTH: FEE | MEAN | TOTAL | --|RELATIVE| NUF | |HUMIDITY| OBS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN (LST) 20% 30% 40% 701 808 101 50% 6 CT 901 FEB | CO-C2 | 100.8 100.0 100.0 100.0 100.0 99.1 94.0 66.0 23.0 83.9 235 C3-C5 I 93.2 23.3 100.0 100.0 100.0 100.0 99.5 98.2 67.6 84.0 215 C6-C8 100.0 93.2 100.0 25.3 100.0 100.0 99.2 96.4 70.3 84.5 245 C9+11 1 100.0 100.0 100.0 100.0 99.2 98.0 87.0 48.4 13.0 80.2 254 12-14 100.0 100.0 100.0 99.6 95.8 82.8 64.0 32.2 6.5 74.1 15-17 100.0 99.6 67.8 37.6 10.9 100.C 100.0 98.1 88 .0 76.1 258 18-20 100.0 100.0 100.0 100.0 98.5 94.3 79.5 53.0 15.5 79.9 264 21-23 100.0 1 GO . O 100.0 100.0 100-0 97.6 89.4 59.2 20.4 82.2 245

94.3

83.5

54.3

17.2

CUMULATIVE PERCENTAGE FPEQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATIO	ON NUPBER	: 164530	STATION	NAME:	GELA ITALY					PERIOD OF MONTH: MA		7 R - 8 7	
HONTH	HOURS (PEI	RCENTAGE	FREQUENCY	OF RE	LATIVE HU	WIDITY	GREATER	THAN	MEAN RELATIVE	I TOTAL	
ì	1	103	50#	302	40%	50%	6 0%	70%	80%	90%	HUMIDITY		i
MAR	CO-C5	100.C	160.0	100.0	99.6	98.1	93.9	85.6	52.1	20.9	81 . D	263	
į	C3-C5	100.0	100.0	100.0	99.6	99.2	97.6	91.0	58.8	22.4	82.7	255	
Ì	. C6~E8	100.0	100.0	100.0	99.6	99.6	97.5	90.3	57.8	18.1	82.0	277	
Ì	C9-11	100.C	100.0	99.6	99.6	97.9	87.9	65.4	25.4	3.6	73.7	280	
	12-14	100.0	100.0	99.0	97.6	93.7	85.0	62.4	26.8	2 • 8	72.2	287	
j	15-17	100.C	100.0	98.9	96.1	93.3	85.9	66.4	29.3	6.0	73.4	283	
	18-20	100.0	100.0	99.6	98.6	94.7	87.3	71.0	41.7	9.9	76.2	283	
į	21-23	100.0	100.0	100.0	100.0	97.2	92.9	81.6	46.3	15.2	79.1	283	
i	TCTALS	100.0	100.0	99.6	98.8	96.7	91.0	76.7	42.3	12.4	77.5	2211	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 164530 STATION NAME: GELA ITALY

				wane.	OCCA TIME!					MONTH: AP		3-81	
HONTH	FOURS	{ 	Pξ	FCEN TABE	FREQUENCY	OF RE	LATIVE HU	MIDITY	GREATER	THAN	1 MEAN 1	TOTAL !	
••••	1	101	203	30%	40%	50%	602	702	egs	901	HUMIDITY		
APR	 CO-C2	100.0	100.0	100.0	99.6	99.6	97.6	87.1	49.0	18.5	80.8	249	
	C3-C5	100.0	100.0	100.0	100.0	99.2	96 .6	90.8	50.8	14.3	80.8	238	
	G6-C8	100.0	100.0	100.0	100.0	98.6	95.4	90.1	55.6	16.9	81.6	284	
	E9-11	100.0	100 - 0	100.0	98.9	99.7	82.3	58.5	19.9	2.5	71.5	282	
	12-14	100.0	100.0	100-0	98.5	94.9	85.0	67.5	26.6	2.9	73.5	274	
	15-17	100.0	100.0	100.0	98.9	95.7	87.7	71.5	28.5	5.1	74.9	277	
	18-20	100.0	100.0	100.0	98.9	96.8	91.5	16.5	42.0	10.3	77.5	281	
	21-23	100.0	100.0	100.0	99.6	98.8	94 •6	84.2	48.1	8.8	79.0	260	
	TGTALS	100.0	100.0	100.0	99.3	97.3	91.3	78.3	40.1	9.9	77.4	2145	

t

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: MONTH: MAY

78-87

MONTH	HOURS (LS 7)	 	PE	RCEN TAGE	FREQUENC	Y OF REL	ATIVE HU	MIDITY G	REATER T	HAN	MEAN	TOTAL NUE
i	• • • • • • • •	101	203	30%	403	50%	£0.6	7 ₀ %	801	903	IHUMIDITY	085
I NAY !	CO-CS	1 100.0	100.0	100.0	100.0	98.0	91.3	78.2	43.3	8.3	77.8	252
į	C3-C5	100.0	100.0	100.0	100.0	98.7	94.9	76.5	38.5	6.8	77.2	234
į	83-63	100.0	100.0	100.0	99.3	98.2	92.2	74.4	34.9	6.8	76 - 1	281
į	C9-11	100.0	100.0	99.3	95.9	92.4	81.7	66.6	27.9	4.8	72.5	29(
į	12-14	100.0	100.0	99.3	96.7	94.6	87.7	76.1	43.8	5.4	76.2	276
	15-17	100.0	100.0	99.3	98.9	97.1	93.5	81.1	44.4	5.5	77.7	275
į	18-20	100.0	100.0	98.9	96.8	93.6	90.8	77.0	48.8	8.8	77.6	283
į	21-23	100.0	100.0	100.0	100.0	97.6	89.2	76.1	43.8	9.6	77.7	251
i	TOTALS	100.0	100.0	99.6	98.5	96.3	90.2	75.8	40.7	7.0	76.6	2142

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATI	ON NUPBEI	R: 164530	STATION	NAME:	GELA 17AL	٧				PERIOD OF MONTH: JU		18-87	
MONTH	HOURS		PE	RCEN TAGE	FREQUENC	Y OF REL	ATIVE HU	MIDITY G			1 MEAN	TOTAL I	• • • • •
	1	107	203	30%	40%	50%	60%	7 ji \$	80%	90%	HUMIDITY		
JUN	 GO-C2	100.0	100.C	100.0	99.6	96.2	85.4	68.6	46.7	6.5	76.0	261	
	C3-C5	100.0	1 CQ . O	100.0	100.0	96.0	84.4	66.0	36.4	B • B	75.2	25[
	C6-C8	100.0	100.0	99.3	98.6	92.8	81.3	58.3	26.6	2.2	71.6	27(
	C9-11	100.0	100.0	98.6	97.5	92.8	86.7	68.0	36.7	4.3	74.1	278	
	12-14	100.0	100 · D	99.6	98.9	97.1	93.2	84.2	54.0	5 • 0	78.9	27k	
	15-17	100.0	100.0	100.0	100.0	98.5	95.9	83.6	55.0	4.5	79.3	269	
	18-20	100.0	180.0	99.6	97.4	93+6	90.9	80.8	54.3	7.5	78.2	265	
	21-23	100.5	100.0	100.0	97-8	95.9	86 •5	73.5	53.4	8 • 6	77.4	36E	
	TGTALS	1 100.0	100.0	99.6	98.7	95.4	88.0	72.9	45.4	5.0	76.3	2147	

•

CUMULATIVE PERCENTAGE PREQUENCY OF OCCURRENCE RELATIVE HUNIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 16453C STATION NAME: GELA ITALY

STATI	ON NUPBE	P: 16453C	STATION	NAME:	GELA ITALY					PERIOD OF MONTH: JU		78-87	
HONTH	L HOURS		PE	FCENTAGE	FREQUENCY	OF RE	LATIVE HU	MIDITY	GREATER	THAN	MEAN	I TOTAL	1
	i	103	20%	30%	40%	50%	60%	702	80%	902	HUMIDITY		i
JUL	CD-CZ	100.0	100.0	100.0	100.0	97.7	92 •0	75.3	54.8	8.7	78.4	263	
	C3-C5	100.C	100.0	100.0	100.0	97.5	89.6	67.9	46.3	7.5	76.3	240	
	[C6~E8	100.0	100 - 0	100.0	100.0	96.4	82.8	63.1	30.7	4.0	72.8	274	
	69~11	100.C	100.0	100.0	99.6	95.7	90 -1	73.4	41.5	2.8	75.8	282	
	12-14	100.0	100.0	100.0	99.7	99.3	97.6	87.2	52.6	4.2	79.5	285	
	15~17	100.C	100.0	100.0	99.6	98.9	96.8	91.2	63.3	6.0	81.4	283	
	18-20	100.0	100.0	100.0	97.8	96.0	93.5	85.6	66.4	9.7	80.6	217	
	21-23	100.0	100.0	100.0	99.6	95.2	91.1	84.1	64.1	8.5	30.1	27(
	TOTALS	100.0	100.0	100.0	99.5	97.1	91.7	78.5	52.5	6.4	78.1	217E	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUNIDITY

DITATE	N NUPBER	: 164530	STATION	NAME:	GELA ITAL	7				PERIOD OF MONTH: AUE		8-67	
HTHON			PE	FCEN TAGE	FREQUENC	y Uř KEI	AIIVE HU	HIDITY G	REATER	THEM	HEAR 	TOTAL NUF	
i	(LST)	103	201	30%	401	50%	6.0%	70%	80%	90%	PATEGRANA	085	
AUG	CO-C2	100.0	100.0	100.0	99.6	97.3	90.0	77.6	56.4	4.2	78.7	254	•
į	C3-C5	100.0	100.0	99.6	99.2	96.7	93.7	75.7	48.1	3.3	77.3	234	
ļ	C6-C8	100.0	100.0	100.0	99.3	96.8	91.0	77.0	47.5	4.0	77.2	27E	
ļ	C9-11	100.0	100.0	100.0	99.6	97.5	93.0	75.1	39.3	1.1	76.1	285	
j	12-14	100.0	100.0	100.0	100.0	100.0	99.3	90.6	53.1	1.7	80 • 3	286	
ļ	15-17	100.0	100.0	100.0	100.0	100.0	98.9	91.5	57.6	2.8	81.1	283	
	18-20	100-0	100 - 6	100.0	98.9	97.5	94 •2	87.3	66.9	6.5	61.3	275	
[21-23	100.0	1 00 - 0	100.0	98.9	94.4	90 •0	84.4	65.4	5.6	80.1	265	
(TOTALS	100.0	100.0	100.0	99.4	97.5	93.8	82.4	54.3	3.7	79.0	2174	

15-17

18-20

21-23

TOTALS !

100.C

100.0

180.0

100.0

100.0

100.0

100.6 100.0

100.0

100-0

100.0

100.0

98.9

99.5

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUHIDITY

78.5

80.8

78.1

276

276

252

2134

DEDIAN OF DECADO.

2.5

6.5

6.3

4.5

63.8

55.2

47.5

82.5

79.9

314110		w: 164330	3121108	MANE:	OCL # 11 MC 1				1	MONTH: SE		r-n6	
HONTH	HOURS (LST)				FREQUENCY		LATIVE HU	MIDITY (THAN	MEAN [RELATIVE!	TOTAL	}
		101	203	303	402	501	£0.6	70%	80%	901	HUMIDITY		. i
SEP	CO-CS	1 100.C	160.0	100.0	100.0	98.9	93.9	76.6	52.5	4.6	78.6	261	
	C3-C5	100.0	100.0	100-0	100-0	99.1	95.3	78.4	49.6	6.5	78.7	232	
	C6-C8	100.0	100.0	100.0	100.0	98.9	95.6	83.2	52.2	7.7	79.3	274	
!	C9-11	100.0	100.0	100.D	99.6	96.5	89.5	64.6	26.3	.4	73.1	285	
;	12-14	100.0	100.0	100.0	99.3	97.5	93.9	78.8	33.8	1.4	76.1	216	

98.2

98.0

94.1

CUMULATIVE PERCENTAGE FPEQUENCY OF OCCUPRENCE RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATI	385UK KO	P: 164530	STATION	HAME .	RFIA TTAL	•				PERIOD OF MONTH: OC		77-86	
HONTH	MOURS	† 	PE	RCENTAGE	FREQUENC	OF PEI	LATIVE HU	MIDITY 6	REATER	THAN	MEAN	I TOTAL	
	1	103	20%	30%	40%	50%	603	70%	801	901	IHUMIOITY		i
OCT	to-t2	100.C	100.0	100.0	180.0	99.2	96.5	89.2	61.9	11.5	81.7	260	
j	£3-£5	100.0	100.0	100.0	100.0	99.6	98.7	90.6	64.3	11.9	82.6	235	
	C6-E8	100.0	100.0	100.0	100.0	98.9	98 •2	92.3	69.6	13.9	83.6	273	
1	C9~11	100-0	100.0	100.0	100.0	99.3	93.1	67.4	23.9	1.8	74.1	27€	
	12~14	100.0	100.0	100.0	98.6	97.6	86.2	66.6	23.4	2 • 8	73.0	291	
	15~17	100.0	100.0	100.0	99.3	97.6	94 •2	77.1	40.4	2.5	76.6	275	
	18~20	ים סמנ	100.0	100.0	99.3	98.9	96.1	84.3	56.9	9.3	80.1	281	
	21-23	100.0	100.0	100.0	100.0	98.9	95.4	86.7	57.0	9.1	80.5	263	
	TOTALS	1 100.0	190.0	100.0	99.7	98.8	94.8	81.8	49.7	7.9	79.0	2153	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: MONTH: NOV

INTHO	HOURS (LS 1)		PE	RCEN TAGE	FREQUENC	Y OF REL	ATIVE HE	MIDITY	REATER	THAN	MEAN	TOTAL 1
i		10*	201	30%	40%	501	£03	70%	80%	901	HUMIDITY	
HOY !	CO-C2	100•C	100.0	100.0	100.0	99.6	99.6	95.0	66.4	26.1	85.0	23E
į	C3-C5	100.0	100.0	100.0	100.0	99.1	98.7	94.0	68.5	25.9	84.6	232
į	G6-E8	100.0	100.0	100.0	100.0	99.2	98.8	93.4	72.9	27.1	85.1	258
į	C9-11	100.C	100.0	100.0	100.0	100.0	97.4	85.6	40.2	6.6	79.1	271
į	12-14	100.0	100.0	100.0	100.0	97.8	86.3	60.7	26.7	5.9	73.4	270
į	15-17	300.0	100.0	100.0	98.9	97.4	91.4	75.5	39.8	7.1	76.9	566
i	16-20	100.0	1 00 . 0	100.0	99.6	99.6	95.7	85.5	55.8	17.0	81.4	276
į	21-23	100.0	100.0	100.0	100.0	100.0	99.2	92.5	65.0	22.6	83.9	766
i	TOTALS	160.0	100.0	100.0	99.8	99.1	95.9	85.3	54.4	17.3	61.2	2080

CUMULATIVE PERCENTAGE EPHOLENCY OF OCCURRENCE FROM HOURLY UBSERVATIONS

RELATIVE HUMIDITY

STATION NUPBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-86 PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN ! MEAN ! TOTAL ! !RELATIVE! NUP ! !HUNIDITY! OBS ! [(L\$1) | 202 302 402 502 602 7₀2 DEC | CO-C2 | 100.0 100.0 180.0 100.0 23.6 84.3 255 1 c3-c5 i 100.0 100.0 100.0 100.0 99.6 98.4 93.9 64.3 23.0 83.7 244 100.0 100.0 100.0 100.0 98.2 93.3 24.1 282 1 09-11 100.0 100.0 100.0 100.0 99.3 90.7 56.9 8.9 81.6 281 12-14 100.0 100-0 99.3 97.6 89.6 65.7 24.9 3.5 73.9 289 100.0 1 15-17 100.0 98.9 87.6 6.0 75.3 283 100.0 99.6 95.4 71.7 31.6 52.1 13.7 1 18-20 1 100.0 100.0 100.0 100.0 98.9 94.0 84.9 80.3 284 1 21-23 100.0 160.0 100.0 106.0 100.0 98.1 86.8 6D.7 21.0 82.6 267 ITOTALS ! 100.0 100.0 100.0 53.2 15.5 80.9 2185

GLOBAL CLIPATOLOGY BRANCH USAFETAE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSTRYATIONS

RELATIVE HUMIDITY

USAFETA C AIR WEATHER SERVICE/MAC

STATION NUMBER: 164530 STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87 MONTH: ALL

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN MEAN L | MEAN | TOTAL | |RELATIVE| NUM | HONTH HOUSES (LS II 40% 50% 6C% 7₀% INUMIDITY! OBS ! 105 203 303 803 902 79.0 97.8 48.9 15.6 2161 JAN ALL 100.C 100.0 100.0 99.5 92.4 79.6 100.0 99.9 83.5 17.2 80.6 1985 FEB 100.0 98.8 94.3 54.3 100.C MAR 100.0 100.0 99.6 98.8 96.7 91.0 76.7 42.3 12.4 77.5 2211 100.0 100.0 99.3 97.3 91.3 78.3 40.1 9.9 77.4 2145 APR 100 · C HAY 100.D 99.6 98.5 96.3 90.2 75.8 40.7 7.0 76.6 2142 100.0 5.9 2147 JUN 100.C 100.0 99.6 98.7 95.4 88.0 72.9 45.4 76.3 2171 100.0 99.5 97.1 52.5 6.4 78.1 100.0 91.7 78.5 JUL 100.C AUG 100.C 100.0 100.0 99.4 97.5 93.8 82.4 54.3 3.7 79.0 2174 SEP 100.0 100.0 100.0 99.5 98.0 94.1 79.9 47.5 4.5 78.1 2134 100.0 100.0 99.7 98.8 94 .8 81.8 49.7 7.9 79.0 2153 061 100.0 99.8 99.1 95.9 85.3 54.4 17.3 81.2 2081 NOV 100.0 100.0 100.0 80.8 2189 DEC 99.8 98.8 95.6 85.5 53.2 15.5 100.0 100.0 100.0 97.6 10.3 78.6 25699 ITCTALS 1 100.C 100.0 99.9 99.4 92.8 80.0 48.6

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PRESSURE SUMMARIES

STATICH PRSSURE SUMMARIES

CATA DERIVED FROM HOURLY OPSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

FRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OPSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

CATA DERIVED FROM HOURLY ORSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

FRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PERIOD OF RECORD: 77-87

LST	STA 15	JAN	FEB	MAR	APR	MAY	Ж	JUL	AUG	SEP	oct	NOV	t E C	ANA
01	PEAR SD TCT CBS	1C16.2 7.406 255	1015.2 7.674 240	1015.5 5.652 267	5.241 251	1014.6 4.225 252	3.149 261	2.526 263	2.553 262	3.331 261	4.916 265	7.181 243	1017.6 6.744 264	1016.0 5.478 3064
84	PEAN SD TOT CBS	7.679	1015.0 7.882 222	1014.4 6.031 258	1013.3 5.260 237	1014.0 4.299 236	1015.0 2.929 253	1015-1 2-505 245	1014.6 2.562 243		1 G17.5 4.873 240	1017.3 7.069 239	1017.3 7.190 247	1015,5 5.624 2854
07	PEAR I SD I TCT CBS		101 % 3 7 • 93 7 24 8	1014.6 6.321 278		1014.1 4.358 283				1016.7 3.369 279	1 C17.6 4.864 277	1017.3 7.328 264	1016.9 7.337 281	1015.6 5.724 33(8
	MEAN SD IIGT CBS	1017.0 7.856 293	1015.2 8.090 255	1015.3 6.359 281	1014.0 5.444 262	1014.6 4.410 289	1015.7 3.091 280	1015.8 2.537 284	1015.4 2.583 292	1017.5 3.378 282	1016.3 4.817 280	1018.0 7.143 275	1017.9 7.328 261	1016.2 5.744 3364
	SD I		1014.6 7.873 264	1015 · 1 6 · 277 289	5.390 275	1014.5 4.585 281	3.168 283	1015.7 2.624 295	1015.2 2.555 266	1017.2 3.207 283	1 C1 7 • 7 4 • 921 291	1017-1 7.267 270	1017-1 7-235 292	1015.8 5.676 3385
16	PEAA SD TCT CRS	7.636	1014.2 7.464 264	1014.0 6.163 281		1013.9 4.393 281		1015.0 2.727 285	1014.5 2.599 288	1016.3 3.332 281	1 E 1 7 • D 4 • 8 1 4 2 7 4	1016.5 7.172 275	1016.4 7.241 284	1015.1 5.613 3339
19	PEAR (SD (STCT Cps)	1015.9 7.543 283	1014.6 7.413 263	1014 .3 6.1 12 264	9.5101 5.266 283	1013.8 4.371 284	1014.7 3.293 266	1014.7 2.693 284	1014+1 2-733 280	1016.3 3.408 276	1 C17.5 4.690 282	1017-1 7-100 277	1016.9 6.915 268	1015.2 5.5% 3350
22	PEAR SD STOT CRS	1016.7 7.350 277	1015. ₁ 7.604 243	1015 • 3 6 • 0 14 285	5.232 263	1014.8 4.013 251	3.029 271	1015.6 2.562 277	2.547 271	1017-0 3-382 257	1 C18 - 1 4 - 76 7 26 7	1017.6 7.263 268	1017.6 7.158 269	1016.0 5.541 3159
	PEAR SD TCT CBS	1016.3 7.661 2171	1014.8 7.738 1999	1014 -8 6-157 2223		1014.3 4.350 2157		1015.3 2.615 2213			1 017.7 4.840 2176	1017.3 7.192 2111	1017.2 7.151 22 ₀ 6	1015.7 5.619 25923

SUPPLEMENTAL DATA SECTION SPECIAL CAVEAT PAGE

- 1. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION PROVIDED AT BEGINNING OF THE LISCOS.
- 2. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS WILL NOT REFLECT IN THESE SUMMARIES.
- 5. 24-HOLR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
- A. RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY PERRESENT AMOUNTS MEASURED FOR FERIODS GREATER THAN 24 HOURS.
 - B. PERIODS GREATER THAN 24 HOURS DO NOT TAKE INTO ACCOUNT EVAPORATION.
- C. THIS 24-HOUR AMOUNT MAY, BUT MORE FREQUENTLY DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT.
 - D. COMPLINATIONS OF THE ABOVE LIMITATIONS TEND TO FURTHER EXAMPLE THE QUESTIONABILITY OF THESE 24-HOLR AMOUNTS.
- 4. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOWFALL) APE NOT AS SERIOUSLY AFFECTED AS THE 24-HOUP VALUES. HOWEVER, EVAPORATION (SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS WHERE THE VALUES ARE DEPENDENT ON THE LENGTH OF TIME OF THESE NON-OPERATIONAL PERIODS.
- 5. THE TEMPERATURES SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM AND HINIHUM TEMPERATURES.

LSAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAYFAT --EYTREMIS OCCURRING OUTSIDE THE FULL TIME PERIOD SUMMARIZED APE NOT REFLECTFU IN THESE SUMMARIZES.

USAFETAC ALSO RECOMMENDS LIMITED DISTRIBUTION OF THE LIMITED OR PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS). AND BE ACCOMPANIFE BY THIS CAVEAT PAGE.

SUPPLHENTAL DATA SECTION-SUMMARY OF DAY PATA

ATMOSPHERIC PHENOMENA SUMMARY

- 1. A PERCENTAGE FREQUENCY OF DAYS SUMPARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
- 2. MATA BASED ON SUMMARY OF DAY DATA.
- 2. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMPINED.

PRECIFITATION. SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

CATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMPINED.

CISPLAYED ARF: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, PEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW CEPTH SUMMARY RECAUSE OF THEIR DOGRTFUL AND LIMITED VALUES.

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".O" IN THESE TABLES INDICATES LESS THAN WHICH USUALLY INDICATES ONLY ONE OCCUPRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

TATA DERIVED FROM SUMMARY OF DAY DATA.

FRESENTED ARE THE EXTREME DAILY AMOUNTS OF PPECIPITATION. SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE PEANS. STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "+" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH CEPIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MUNTH IS MISSING).

WHEN A MONTH HAS VALID COSERVATIONS REPORTED BUT NO OCCUPRENCES. ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:

".GO" EQUALS NONE FOR THE MONTH (HUNDRELTHS)

LXTREME DAILY SNOWFALL:

"+0" FUHALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH:

""" FQUALS MONT FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

CATA DERIVED FROM SUMMARY OF DAY DATA.

CATA PRESENTED BY YEAR AND HONTH.

ALSO PRESENTED ARE THE PEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OF MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

TATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

CIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM SEGINNING OF PERIOD OF PECUPU THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGPERS.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PEDCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

TATA DERIVED FROM SUMMARY OF DAY CATA.

PERCENTAGE TABLEATIONS PRESENTED BY SHOCKEE FARRENHEIT THOREMENTS PLUS THE MEAN. STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TAPLE ALSO INCLUDES A 33 FARRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT MAVE MAXIMUM/MINIMUM THERMONLIERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE MOURLY ORSENVATIONS FOR THE MICHEST AND LOWEST VALUES.

STATISTICS LO MUT INCLUTE INCOMPLETE MONTHS (THUSE CONTATNING ASTERISKS).

FORE OF HOPE COMPLETE MOVIES ARE RELIGIESD FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

LXTPLME MAXIMUM AND MINIMUM VALUES

CATA DERIVED FROM SUMMARY OF DAY DATA.

FRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

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CUMILLATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES FROM SUPMAPY OF DAY DATA

NOITATE	NUP	BER:	164530	••••••	STAT ION	NAME:	ŒLA ITAL	¥				PERIO	O OF REC	ORD: 66-7	71 . 73-67
TE	PP (F)	11	MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SFP	oct	NOV	DEC	ANNLAL
	E 8		•••••	••••••	• • • • • • •	•••••		.4 1.8	.4 3.2	······································	.2 2.8	••••••	•••••	•••••	•1 1,;
	F. E	i					3.1	10.5	28.3	43.4	21.3	3.1			9.3
	E 7					1,1	11.6	41.4	78.5	91.8	PD.4	26 • B	1 • D		28 • £
6					1 • 2	6.7	34 • 3	81.8	97.0	100.0	98.7	73.8	14.0		42.1
	E 69		1.3	2.9	7.3	23.4	74 - 8	96.7	100.0		100.0	96.0	56.9	7.1	56.[
	E 60		16.9	18.6	38 - 1	67.6	99 • 5	100 • C				99.5	91.6	47.7	73.4
G			80.1	81.0	88.4	99.0	100.0					100.0	99.4	92.7	95.1
G			97.4	98.5	98.8	100.0							100.0	99.6	99.5
G		51	99.4	100-0	100.0									10.0	100 • (
6	E 41	n I	100.0												100 • 0
MEA	k	· · · · ·	56.9	57.2	58.9	62.2	68.3	73.6	77.3	79.0	77.1	71.8	65.4	59.6	67.3
SD		1 .	3.533	3 - 56 8	4.060	4.359	4.975	4.619	4.043	3.376	3.521	4.016	3.944	3.502	P.931
TOTAL	0B \$	Ĺ	539	51 7	593	5 2 2	551	544	558	5 <i>72</i>	531	549	522	537	6535

CUMILATIVE PERCENTAGE OF OCCURPENCE OF MINIMUM TEMPERATURES FROM SUPMARY OF DAY DATA

			•											
STATION M	UPBER	: 164530		STATION	NAME:	GELA ITALY					PERIO	D OF REC	DRD: 66-7	1, 73-67
TE PP	(F)	JAN	FE B	M AR	AFR	MAY	JUN	JUL	AUG	SEP	00 T	NOV	DEC	ANNIAL
6 E	EDI	••••••	•••••	• • • • • • •	••••••	••••••	. 4	• 2	• • • • • • •	. 4	••••••	** • • • • •	• • • • • • • •	• 1
G E	751						2.2	9.9	14.3	4.7	• 2			2.1
GŁ	701					2.9	16.7	52 - 7	71.2	32.0	4.2	•2		15.2
3 6	£51					10.2	56.4	89.1	96 • 5	*3.1	24.4	1.5		30 • 5
6 E	601			• 3	5 . D	48.1	94.5	100.0	100.0	99.1	73.2	21.6	1.5	45 . 7
GE	551	4.6	7.0	12.3	31.8	88.0	99.8			100.0	96.4	62.6	21.4	60 • €
6 E	501	39.9	42.6	53.0	79.3	99.6	100.0				99.6	90.8	67.0	81.1
6 E	451	82.0	85.5	88.9	97.7	100.0					100.0	99.6	93-1	95 • €
3.0	401	96.3	97.7	97.6	100.0							100.0	59.6	99.1
GE	251	99.8	99.6	100.0									100.0	100 • 0
GE	331	100.0	10C-0											100 • €
HEAR	••••	47.8	4 8. 3	49.2	52.5	59.6	65.7	69.6	71.0	68.1	62.2	55.9	 	58.4
ŠĐ	i	4.182	. £33	4.4 DD	9.207	4.515	3.907	3-610	3.147	3.500	4.275	4.720	4.416	9.368
TOTAL O	B 5	539	51 7	5 9 3	522	551	544	558	572	531	549	522	537	6535

CUMULATIVE PERCENTAGE OF OCCURPENCE OF MEAN TEMPERATURES FROM SUMMARY OF DAY DATA

TE PP	(F)	MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	2E P	0C T	NOV	010	ANNE
6 E	85]	••••••	•••••	• • • • • • • •	••••••	•••••	. 4	• • • • • • • •		2	• • • • • • •	• • • • • • • •	•••••	
6 E	eo i					. 4	1.3	5.9	7.9	3.6				1.0
6 E	75 [2.5	12.5	41.2	63.8	76.2	3.3			12.0
6 E	701				.2	11.3	52.9	88.2	96.9	86.3	28.1	1.0		30 .
GE	651			•5	5.4	43.4	92.5	99.8	100.0	09.6	76.5	19.5		45.
GE	601	2.2	3. 1	8.3	27.2	86.9	100.0	100.0		100.0	97.1	66 - l	12.3	58.
G E	551	30.2	3 3. 7	48 -2	81.C	99.8					100.Q	94.3	61.3	79 -
6 E	501	84.8	85.3	91.9	99.0	100.0						100.0	95.0	96.
6 E	451	98.0	99.2	9E . 3	100.0								10.0	99.
6 E	401	99.8	100.0	100 •0										100 - 1
6 E	35 j	100.0												100.
HEAR	i	52.7	53.1	54.4	···;;;	64.3	70.0	73.6	75.3	73.Q	67.3	61.0	55.6	63.
SD	i	3.516	3.451	3.686	3.838	4.424	3.981	3.530	2.937	3.216	1.912	3.976	3.485	5.000
TOTAL OF	s i	539	51 7	593	522	551	544	558	572	531	549	522	537	653

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EXTREME VALUES OF MAXIMUM TEMPERATURE IFROM DAILY OBSERVATIONS)

STATION NUPBER: 16453C STATION NAME: GELA ITALY

PEP10D OF PECORD: 66-71, 73-87

YFAR	JAN •63 61 •61	F E B *68 *68	MAR •••••••	APR	YAM	-м-0 Jun	-N-1-H-S JUL	AUG	SEP	OCT	NOV	1 E C	ALL MONT ₁ S
66 67 68 69	*63 61	*68	• • • • • • •	• • • • • • •		• • • • • • •		-00	361	00.	401		
67 68 69	61		* 66										
68 69	61		*66				*75	*93	*81	+81	* 72	*63	
69 1		*68		*77	+75	86	86	86	81	+79	75	468	€€
	+61		472	*73	#86	+86	84	88	*88	79	*75	466	€ €
i ar		* 66	66	+72	+84	86	+82	#84	*86	*75	78	64	E1
	69	61	70	77	77	88	82	#81	82	77	70	64	E 1
71	*66	+61	70										
73 i	#6 0	+ 59	*64	*71	#78	480	*86	*84	89	#78	75	*68	
74	*64	*62	+68	+77	*78	+87	#87	#8 <i>2</i>	*64	*75	*69	¢68	• €
75	#69	69	69	73	#77	+78	89	#87	#84	*82	*73	*68	E.
76 J	*69	# 6D	*64	*66	+71	82	+78	#84	82	#78	*68	*66	\$ E
77	#60	66	68	+73	86	*82	+9 B	82	*84	61	+75	#68	# 51
78 İ	64	66	64	+73	* 79	84	88	*84	84	*75	*68	*66	3
79 1	#66	*66	66	+66	\$73	*86	+82	*86	#79	*82	*72	*66	# E
80 I	#5 9	*61	*7 8	*66	+75	*82	*82	*81	*7 9	+77	*70	*63	4 €
E1 1	*59	*61	*72	*68	*73	*64	#64	88	86	*81	*72	*66	E
E2	+65	*66	#68	#69	*73	*9D	*92	#87	+9 0	*8D	+70	¢63	* 53
83 1	+61	* 59	*64	*77	+77	8 1	89	*82	86	*74	*69	#64	E
84 1	*60	*63	*6 3	71	*86	#8 I	*8 9	*86	*87	*81	*7 6	67	9 €
85 1	*65	*67	68	75	87	482	85	#90	*83	84	#73	*66	* \$1
86 Î	*63	66	*72	*72	+79	*82	#83	*86	*86	81	71	*6 6	\$ 6
e7	*63	+63	62	*73	*71	*86	+88	*90					
HE AN I	63.D	65.6	67.0	74 . 0	83.3	84.5	85.4	86.0	84.3	£0.4	72.2	65.0	••••••
5.C. 1		2.881	2.739	2.582		2.665	2.440	2.828	2.870	2.608	2,588		

NOTES # (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 DBS)

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUPBER: 16453C STATION NAME: GELA 1TALY

PERIOD OF RECORD: 66-71, 73-87

_						MHOLE DE							
						-M - 0	-N-T~H~5	-					ALL
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	HOV	CEC	MONTH
66 1	• • • • • • • •	•••••	• • • • • • • •		• • • • • • •	• • • • • • • •	463	*66	*63	*59	#45	• 39	• • • • • • •
67	*37	34	*41	+41	+52	54	66	68	61	+57	45	+36	+ 3
68 1	34	* 37	*36	+46	+54	+61	64	64	*59	55	+48	#4[
69 1	#37	# 34	41	# 4 2	+54	55	+63	+61	+61	+54	46	43	•
70	43	37	37	43	45	59	61	*63	63	46	46	43	7
71 I	*43	* 37	37	_		_			-	,,		• • •	-
73 1	*44	* 39	\$39	+41	+50	+6 €	*64	*66	62	+55	46	#42	• 3
74 1	*44	# 44	441	442	*51	#59	*6D	•60	*60	*5n	448	#42	4 4
75 Ì	*42	42	41	50	*50	*57	60	466	*66	+48	448	£48	
76 1	**1	+42	#4 1	*46	+51	57	+62	*64	62	+57	**1	+42	**
77	+42	44	4.1	*43	52	#61	*68	64	+59	55	*48	#41	
78 J	41	43	41	+46	*50	59	61	*68	63	*52	*48	*48	-
79 1	* 39	* 46	9.6	#48	+52	*63	*66	*64	*63	+57	*46	445	4 ?
80 i	#41	+41	*4 1	#45	+54	*59	+63	*68	*66	+55	448	#41	*4
e1 1	439	+41	#4.6	*52	+55	*66	*61	64	64	*54	+48	441	4 !
ez (+45	+44	*4 4	+5 2	453	#64	*68	*72	#67	+58	*50	#43	6 4
83 1	+39	+ 39	*4.3	*46	+54	61	62	+68	61	*56	+55	*44	# 3
84 1	+45	*43	444	42	+52	+58	*66	+65	*55	+59	* \$0	44	**
85 Î	*39	+ 97	41	45	52	461	66	*65	+65	53	***	*46	* 7
86 I	+39	39	*4.5	**6	+55	*60	+67	+70	*63	53	52	641	• !
87 1	*40	+ 43	35	.44	* 50	#58	#65	*63			••		••
ME AN	39.3	41.0	40.0	45 - 0	49.7	57.5	62.9	65.0	62.3	52.4	47.0	43.3	• • • • • • •
5 · C · 1		2,915	3-240	3.559		2.665	2.478	2 - 000	1.113	3.715	2.828	~ 3 • 3	
L CBS I	539	517	593	522	551	544	558	572	531	549	522	537	651

MOTES * IBASED ON LESS THAN FULL MONTHS; # 4AT LEAST ONE DAY LESS THAN 29 OBS!

